

LIFE



CIRCUS FAMILY

JULY 28, 1941 10 CENTS
YEARLY SUBSCRIPTION \$4.50



Dear Mother:

I'm glad you gave me this
Skyboy pen because it
writes anywhere. The last time
I took flight we
would, but
to the surprise
of passengers
Here at
we have
not noticed
to be ca
attention
to a U.S.
and he
I am
We nev
aloft. I
J'll be at Fort Worth Airport
until further notice
All my love, Hank

SHEAFFER'S SKYBOY



THE
WHITE DOT
IDENTIFIES THE
*Lifetime** PEN

Go
Where You Will!

CARRY YOUR

Skrip

IN THIS TOUGH, SAFE,
PLASTIC CONTAINER

It's safe in your pocket,
purse or traveling bag,
and would be a bargain,
unfilled, at 50c; you
get your SKRIP Free.

50c



HERE'S THE PEN THAT WRITES ANYWHERE!
DESIGNED ESPECIALLY FOR MEN IN THE U. S. SERVICES

Wherever you go this summer, take with you the pen that's sure to give you the greatest satisfaction—en route and after you're there. The Skyboy was made to withstand the hardest of pen ordeals—aviation use. So, if your vacation takes you over the mountains, or to the beach, you know your Skyboy will write just as well as it does at home. Platinum inside the little slit of the Feathertouch point insures ready, steady flow no matter your writing speed. THE FLO-RITE feed compensates for temperature and altitude changes. The Skyboy is the surest pen for active folks—with its matching Fineline pencil it makes the ideal gift. Give it to those who are going away and—get letters back! Skyboy *Lifetime** Feathertouch Ensemble (Military clip) illustrated, \$14. Other ensembles, \$3.95 up.

W. A. SHEAFFER PEN CO. • FORT MADISON, IOWA, TORONTO, ONTARIO, CANADA

*All *Lifetime* pens are unconditionally guaranteed for the life of the owner except against loss and willful damage—when serviced, if complete pen is returned, subject only to insurance, postage, handling charge—35c.

Copyright, 1941, W. A. Sheaffer Pen Co.
*Trademark Reg. U. S. Pat. Off.

Copyrighted material

**Do you See a Boy?
No. I See the Governor of a Great State.**

**Is he a Governor who Inspires Confidence?
Yes. He has Ability, Integrity, a Fine Personality.
And a Bright, Friendly Smile that may well have come
from his Lifelong Devotion to Ipana and Massage.**



**Guard the beauty of your smile. Help keep your gums firmer,
your teeth brighter with Ipana and Massage**



Q. Is there anything more to home dental care than brushing teeth regularly?

A. Indeed there is! Brushing teeth is only half the job. Gums, too, must have everyday care. In fact, dentists are almost unanimous in urging daily gum massage.

Q. Why is gum massage so important?

A. Because today's soft, creamy foods require so little chewing, they do not give gums the exercise needed for healthy firmness. And neglected gums often become soft and sensitive . . . and signal their weakened condition with a tinge of "pink" on your tooth brush.

Q. What should be done when "pink tooth brush" occurs?

A. See your dentist right away. "Pink tooth brush" may not indicate serious trouble, but only your dentist can decide that.

He may merely tell you that your gums need work and stimulation. And, like thousands of dentists, he may suggest the healthful stimulation of Ipana and massage.

Q. Can Ipana and massage effectively ward off "pink tooth brush"?

A. It can be remarkably helpful . . . if you *faithfully* massage a little extra Ipana onto your gums *every time* you brush your teeth. For Ipana is specially designed to do more than clean teeth. Used with massage, it helps make gums stronger, healthier. That is why Ipana and massage is such an important aid in warding off "pink tooth brush" . . . in helping to give you stronger gums and brighter, more sparkling smiles!

Ipana Tooth Paste



DON'T DOUSE EVEN DURING SUMMER!

No matter how unruly summer's sun and winds make your hair, don't douse it with water or anything else. "Dousing" makes hair look unnatural, pasted-down. For handsome, natural-looking hair, follow the 'Vaseline' Hair Tonic method below.



TO KEEP HAIR SMART...

AND CHECK DRY SCALP TOO!

BEWARE the effect of summer's punishing heat on your scalp. When needed natural scalp oils are dried out, Dry Scalp sets in, with falling dandruff and wiry, unmanageable hair the common results.

The 'Vaseline' Hair Tonic method gives real protection against Dry Scalp . . . plus the smartest hair-grooming you've ever had. And here's all you do:

1. EACH MORNING, shake a few drops of 'Vaseline' Hair Tonic on your comb and run it through your hair.

2. BEFORE EACH SHAMPOO, as an extra precaution, massage vigorously with plenty of 'Vaseline' Hair Tonic.

Start fighting Dry Scalp and improving your hair's appearance today. Get 'Vaseline' Hair Tonic now.



'Vaseline' Hair Tonic
is different, contain-
ing no ingredient that
has a drying effect.

By actually supplementing the natural scalp oils, 'Vaseline' Hair Tonic aids in keeping the scalp soft and supple . . . as it keeps the hair lustrous, well-groomed and natural-looking.

Vaseline HAIR TONIC

REG. U. S. PAT. OFF.

LETTERS TO THE EDITORS

Defense Issue

Sirs:

I have read the Defense Issue of LIFE with great interest and considerable enjoyment. It shows without doubt a clear knowledge and appreciation on the part of the publishers of the tremendous difficulties and problems confronting this nation in its National Defense Program. It is my opinion that through this issue of LIFE you have made a definite contribution to our National Defense efforts.

J. L. DEWITT

Lieutenant General, U. S. Army
Commanding

Fourth Army
San Francisco, Calif.

Sirs:

You had a fine survey of what has been accomplished so far and of what we may expect in the future. I also want to commend the portion of the issue devoted to the Armored Force. It certainly is encouraging to see concrete evidence of what has been done in this branch of our military forces.

ARTHUR CAPPER

U. S. Senate
Washington, D. C.

Sirs:

I believe your magazine is taking a great step forward in making the American public military-conscious. As yet, I do not feel that the public either understands or appreciates the Army and the task it has before it. It is surprising how a low-flying airplane or a small truck convoy will disrupt a city.

In your presentation of the defensive force of the U. S., it is possible to acquaint the people of our country with a few of the problems confronting directors of the military training program. It is a massive job and co-operation of the public and press alike is essential. The way in which the make-up and functions of the Army were portrayed in the July 7 issue of LIFE should go far in aiding us to obtain the needed public co-operation.

KARL TRUESDELL

Major General, U. S. Army
Commanding
Sixth Army Corps
Providence, R. I.

Sirs:

Being one of the million men now in service, I found your July 7th Defense Issue of great interest and this seems to be the general opinion at this post. From the viewpoint on this side, you can scratch up one big star for this swell piece of pictorial journalism.

PRIVATE WILLIAM BAUGHER

Port Standish, Mass.

Sirs:

I have just finished reading your Defense Issue. I hope I never have to witness again such a dunderheaded parade of military burlesque.

JOHN C. LOMBARD

Berkeley, Calif.

Sirs:

My comment on the U. S. Army is fourfold.

1. The staff is a typical collection of incompetents.

2. The equipment has not substantially improved in five years.

3. Tactical employment of personnel, weapons and matériel is such as to call for immediate recall of the Chief of Staff.

4. The Republic hastens to a rendezvous with tragedy, disillusionment, bitterness, ruin.

STANLEY SPERBER

Philadelphia, Pa.

Sirs:

If that California professor who searched 25 years for a mail that traveled with reverse motion is looking for things that travel with reverse motion, he should look at LIFE's war pictures and soon locate one—the U. S. Defense program.

C. A. MACDONALD

Upper Darby, Pa.

Sirs:

The National Defense Issue seems okay, but where did you find all the pulchritude? Since entering camp I haven't seen a movie actress, a starlet, a hostess or a cow. It must be propaganda.

H. S. MARSH
Cadet, Field Artillery
Reserve Officers Training Corps
Fort Ethan Allen, Vt.

Dottie Lamour

Sirs:

I see by your pictures that Dottie Lamour has autographed her sarong and given it to the soldiers in Hawaii. How come? I remember a story that



BURNING DOTTIE'S SARONG

came out of Hollywood a year or so ago about how Dottie burned her sarong and vowed never to wear or own another one again. Is she going to wear one again?

JOHN BEGINUS
New York, N. Y.

• In her next picture, *Aloma of the South Seas*, Dottie Lamour will wear a pareo. This is similar to a sarong but comes from the South Seas instead of Malaya.—ED.

Sirs:

Dottie Lamour's full page picture in the Defense Issue of LIFE makes the boys registering for the draft, like me, want to get 1A classifications. I have twin brothers already on active duty with the National Guard, at Camp San Luis Obispo, Calif., and they had the pleasure of seeing Dorothy when she made a personal appearance there. Result: 12,000 Guardsmen had to be guarded that day, and watched that night.

TOM KENDALL
Oakland, Calif.

Sirs:

"Dear Life," would have been the violent expression used by ladies of the Civil War period upon sight of Miss Lamour (LIFE, July 7) lying prone for inspection.

No. 1 tent decoration of today's Army is a far cry from the enclosed "tent decoration" sent by my father



PIN-UP GIRL: 1861

(through my grandmother) to Major William Gildersleeve Vardell of the Confederate Army, presumably to make him happy.

LUCILE VARDELL GILLIGAN
Homerville, Ga.

Army Generals

Sirs:

This reader hopes that among the Army's golfing, dog-loving, cabinet-making, bric-a-brac-collecting generals is one who can win a battle.

JOHN L. FOSTER
New York, N. Y.

(continued on p. 4)

"Anybody want to pinch me?"

"I THINK I'M DREAMING! It all seems too glamorous to be true—

Me—waking up every morning like a pampered debutante—on ultra-elegant *percale* sheets!

But, glory be to Cannon—this dream is real! For now I can buy genuine *Cannon Percale Sheets*—at practically what I paid for my heavy-duty muslin!

Think of it—luxurious Cannon Percale at a muslin price!

So if you're ever thrilled your fingers over percale, and felt how super-smooth and petal-soft it is—you'll be doing just what I did. Rushing pell-mell to get Cannon Percale Sheets for every bed in your house!"



DON'T BUY ANY SHEETS—TILL YOU KNOW THESE ANSWERS!

What is the difference between muslin and percale? There is a difference both in "thread count" and in the quality of cotton used. For example, Cannon Percale Sheets are woven with 25% more threads to the square inch than the best-grade muslin. A better grade of cotton is used in Cannon Percale. The threads are finer and more highly twisted. The sheets are lighter, and have a smoother, more luxurious texture than muslin.

Can I save any money with Cannon Percale? If you send your sheets to a laundry, Cannon Percale Sheets, because they're lighter, can actually save you about \$3.25 a year for each bed, at average pound rates.

How does percale wear in comparison to muslin? We talked with a large number of women who had used both muslin and Cannon Percale Sheets. Of these women, 14.2% thought muslin wore better than percale. But 40.5% said *Cannon Percale*

wore better than muslin. The rest were not sure.

If I do my washing at home, will I find any advantage in Cannon Percale? You'll find these lighter sheets infinitely easier to handle and to iron than muslin. They launder beautifully, and always keep their dazzling whiteness.

Are colored sheets good style? Sheets which repeat one of the bedroom colors can prove a delightful decorative touch. A colored sheet, too, is often used as a blanket cover. Cannon Percale comes in six lovely decorator-approved colors. For extra elegance, get colored or white sheets with a scalloped hem.

How can I identify Cannon Percale Sheets in the store? They are packaged in a dust-proof box with the Cannon name on it. These packaged sheets assure you of unhandled, clean merchandise—save you the cost of the first laundering.

MADE BY THE MAKERS OF CANNON TOWELS AND HOSIERY Your store also has a big value in Cannon Muslin Sheets at a low popular price.



This One



The Sergeant puts the Colonel right about face with COOL SHAVES



"Blastation, Sergeant!" says the Colonel to me—"the bullets and the shrapnel of the Boche never caused me a tremor. But forty years of shaving burns and terrors still make me squirm and shiver—at the sight of my own razor!"

"Why, Colonel!" says I—"have you never heard of Ingram's cooling shaving cream? Where's your Intelligence Division? Sure the youngest recruit with cradledown on his cheeks is a wiser soldier than you with all your golden eagles."



"Ingram's is different, Colonel, made different—cool—to condition your skin for shaving while it wilts your whiskers. It lathers up fast, does a blitzkrieg on the toughest beard in double-quick time. Feel that coolin', soothing touch?"



"Sergeant," chortled the Colonel, "you're a dandy! My razor eases through this Ingram-smothered stubble like a sabre through butter! I'll shave minutes off my usual shaving time and finish cool, refreshed and ready for duty!"



**INGRAM'S
SHAVING CREAM**

CONCENTRATED FOR ECONOMY-IN TUBE OR JAR

LETTERS TO THE EDITORS (continued)

Sirs:

Since when, please, does Lieutenant General Lesley J. McNair cease to rank



LT. GEN. LESLEY J. MCNAIR
among the top 15 generals of the U. S. Army?

H. S. HILBURN

Plainview, Texas

• McNair certainly is among the top U. S. generals. He is Chief of Staff of GHQ. The picture shown here was taken before June 9, when he was promoted from major general to lieutenant general.—ED.

Sirs:

As I was looking through LIFE, July 7, my eye caught the picture of Lieutenant General Walter Krueger, Commander of the Third Army. According to the two stars on each shoulder, his rank should be major general. How about it, LIFE?

SCOTT HUTCHISON
Edgewater Park, N. J.

• When LIFE's picture was taken, Krueger was a major general. By the time LIFE's caption was written he had become a lieutenant general.—ED.

Army Food

Sirs:

Re your recent article on the Army's food, I can merely say, "Phooey."

PPC WILLIAM ZEMBOR
Battery E, 240th Coast Artillery
Hawaii, Wash.

"Listen to the People"

Sirs:

My congratulations on your brilliant, fighting "Defense Issue." Stephen Vincent Benét's *Listen to the People, Independence Day, 1941* is a deeply moving, beautifully conceived and powerful epic that stirred me to the depth of my heart.

EDWARD F. WILLIS
San Francisco, Calif.

Sirs:

To someone I must express appreciation of *Listen to the People*, both in LIFE's July 7 issue and the dramatic radio presentation on July 4. I listened, with my family, following LIFE's script.

Listening earlier to the radio oratory, I had some qualms of misgiving over the applause given to Burton K. Wheeler. It was then most comforting to learn through just such a presentation as *Listen to the People* that there is a group of people organized to counteract the work of the mistaken isolationists and misguided appeasers. I was glad to know of the Council for Democracy, if *Listen to the People* was a sample of its work. I will not be afraid of Mr. Wheeler again.

I am only a housewife, living out here in South Dakota, in this small town of 400 people, easygoing, down-to-earth Midwesterners. But sometimes I wonder if we are really awake to the dangers to our country. We know only what we read in the papers and periodical publications—some of us not even that.



**"First to fight"
... and
first to light
a WEBSTER!**

The U. S. Marine! He gives his best—and demands the best. You can be sure the cigars he chooses are of a high-set standard. None qualifies more certainly than the cigar bit of today . . . the Corona shape Webster Kings.

By unchallenged statistics (U. S. Revenue figures), Websters in the past two years have had the greatest popularity gain of any well-known quality-cigar brand in America. Their

Fragrant mellowness-mildness is achieved through finest custom craftsmanship, specially selected light-claro wrapper and CERTIFIED 100% choice LONG Havana filler tobaccos.

WEBSTER
CUSTOM-MADE CIGARS

KINGS	10c
(classic Corona shape)	
GOLDEN WEDDING	10c
QUEENS	2 for 25c
FANCY TALES	15c



First in the Social Register

(continued on p. 6)



**Doc Jones was right...
we like our
second better!**



1 I guess we looked excited when Old Doc Jones dropped in the other day for a chat. "What's the trouble?" he asks, mopping his forehead. "Heat getting you, too?" "Not us," we tell him, "our refrigerator. Third time in a month it's gone on a strike!" "Oho," smiles Doc. "Had the same thing till I got the one with *no* machinery. See Servel this time!"

2 Next morning, bright and early, we're down at the gas company, and the salesman's giving us the whole story. "See!" he points out. "That tiny gas flame does the work. There are no moving parts in the freezing system to get out of whack or wear." "None?" we demand. "None!" he assures us. "That's why Servel's always silent, too."



3 To folks who've had experience with other automatic refrigerators, Servel Electrolux seems almost unbelievable. And no wonder. It's basically *different* . . . produces constant cold and cubes of ice with a simplicity no other can match. That's why it's the only one that can offer lasting dependability, permanent silence, and the other big advantages every family wants.

4 "Say, Doc, you sure know all the answers," we tell him when he stops by to see our new refrigerator. "So, you like *this* one better?" he chuckles. "You bet!" we agree. "Servel's not only *always* on the job, but saves money in the bargain! Fact is, it's paying for itself with what it saves on food bills and running cost. Now you can't beat *that*!"

If you look at one refrigerator, look at Servel—If you look at more than one, look at Servel to see the difference.

We're glad we switched to a Servel when we bought our new refrigerator. You never hear the slightest noise with it. And there are no moving, wearing parts to worry about.—Mrs. Arthur Pohl, 1358 South 15th Street, Milwaukee, Wisconsin.



It freezes with
NO MOVING PARTS!

Stays silent...lasts longer

SERVEL
ELECTROLUX
Gas
REFRIGERATOR

FOR FARM AND COUNTRY HOMES—MODELS RUN ON
BOTTLED GAS—TANK GAS—KEROSENE
Write for details to Servel, Inc., Evansville, Ind., or
Servel (Canada) Ltd., 457 King St. W., Toronto, Ont.



Canoeing, boating—water sports of any sort—are great fun and great for your health. But the hot sun bakes your hair and scalp—leaves your hair parched, dry and lifeless.



Your plunge completes the damage—leaves your hair a social disaster. Natural oils are washed away. Your hair dries out lustreless and unresponsive to your comb and brush.

Help Your Hair Against the Menace of Hot Sun and Soaking Water!

HELP KEEP YOUR HAIR HEALTHY AND HANDSOME WITH VITALIS and the Famous "60-SECOND WORKOUT!"

1 50 Seconds to Rub—Circulation quickens—flow of necessary oil is increased—hair has a chance!

2 10 Seconds to Comb and Brush—Hair has a lustre—no objectionable "patent-leather" look.

WHAT'S your summer sport—golf, tennis, handball or swimming, or just loafing on a sun-drenched beach?

No matter what your schedule or your skill, remember that the broiling summer sun is an enemy of your hair! Its blazing rays bake your hair—leave it dull and brittle. And then, your soaking shower or refreshing swim washes away natural scalp oils—leaves your hair a dry, unmanageable wreck!

Build up your health and stamina—enjoy your healthful hours in the sun! But give your hair the stimulating help

A Product of Bristol-Myers Company

USE VITALIS AND THE "60-SECOND WORKOUT"

LETTERS TO THE EDITORS

(continued)

We are so far removed from the sea-boards, from Washington and other centers of great activity.

I am not ruled or led by fear, nor do I expect to see a Hitlerite under my chair, as Mr. Wheeler wisecracked. But common sense tells me that as a nation our way of life is in danger.

ELSIE MUCKLER
Humboldt, S. D.

Bombers or Churches?

Sirs:

In the July 7 issue of LIFE your statement that in time of war a nation "needs bombers more than it needs . . . churches" fails far below the usual standards of LIFE's editors. This sort of talk makes my blood boil! In time of strife churches, above everything else, give us the ultimate power to carry on. Long after bombers, tanks and other man-made tools have disappeared from this world, churches and all they stand for will remain as a bulwark of freedom and hope.

PHILIP K. HASTINGS
Worcester, Mass.

Sirs:

I would like to quote a stanza from *The Arsenal at Springfield* by Longfellow:

Were half the power that fills the world with terror,
Were half the wealth bestowed on camps and courts,
Given to redeem the human mind from error,
There were no need of arsenals or forts.

DAVID McELROY
Houston, Texas

Sham Battle

Sirs:

In the Defense Issue you pictured a tank which had been punctured and some men wounded. For a long time I have been wondering what kind of bullets they use in sham battles.

MAX KLINGER JR.
Tucson, Ariz.

• Purpose of a sham battle is to simulate reality. In LIFE's Armored Force battle, the tank pretended to be punctured, the men pretended to be wounded, so that the ambulance crew might have practice in making rescues. In such battles blank ammunition is used.—ED.

Production Chart

Sirs:

In your July 7 issue you show a production chart of war material.

Please explain your figures showing Army fighters being produced at approximately 120 per month as of June, 1941. At Curtiss-Wright P-40's are supposed to be coming off production lines at about ten per day.

WALTER DOZIER CROUCH
Albany, Ga.

• LIFE's figure of 120 per month included only those fighter planes going to the U. S. Army. Considering the number of Curtiss-Wright P-40's which are turned over to the British, LIFE's figure is not low.—ED.

Sirs:

LIFE declares that the production of airplane propellers has reached 1,350 per month; however, in the same issue a United Aircraft Corp. advertisement states that its plant is turning out 2,000 propellers per month and that this is only 75% of the total national output at the present time.

EDWARD C. DERBY
Glenside, Pa.

• LIFE's mistake. Propeller production in June was approximately 2,700.—ED.



Continental Distilling Corporation, Phila., Pa.

Smoke DOES Smudge YOUR TEETH



BRYTEN UP

It's ugly, that yellowish smoke-smudge—or any smudge—on your teeth. Too often unsuspected—but it's there. Look in your mirror. Then do something now. Do this. Get IODENT No. 2, tooth paste or powder, made by a dentist especially for hard-to-bryten teeth. Guaranteed safe. You'll like refreshing IODENT as you use it twice a day. Result—your smile will sparkle up.



SPEEDING PRODUCTION

TO PRESERVE THE "AMERICAN WAY"



TANKS • GUNS • SHELLS • AIRPLANE WINGS • FREIGHT CARS

To speed production of these basic defense materials Pullman-Standard's plants and men have enlisted for the duration.

THE TRUE TEST of strength between the systems of free and forced labor . . . and the ultimate decision between the American and the Totalitarian Way . . . lie in the production performance of this country's key industries.

On May 28, 1940, when Pullman-Standard received its first order for defense materials, it was solely engaged in the construction of railroad and transit equipment. Today, it is not only turning out one of the fundamental weapons of defense . . . freight cars . . . at the rate of one every 4½ minutes of the working day . . . to speed production through our entire industrial system; but it is also continually multiplying its output of the following essential armaments:

TANKS: 28-ton tanks on a 24-hour schedule.

GUNS: Trench mortars and mounts, and carriages for the new 105 m/m howitzers rolling off the lines day and night.

SHELLS: forging and machining of six-inch

Transportation is the primary arm of National Defense and the freight car is the primary arm of transportation.

shells for the British Government; forging and machining of 105 m/m shells, and machining of 155 m/m shells for the U. S. Government, is proceeding on a 24-hour-day schedule in two mammoth plants.

AIRPLANE WINGS for bombers and transport ships will soon be produced in ever-increasing quantities.

This record of speed is even more reassuring when you consider that the factors which make it possible are characteristic of many of our great American industries. In Pullman-Standard's case these are . . . the *know-how* derived from 82 productive

years . . . expert knowledge of metals . . . capacity and organization to back that knowledge with millions of man- and machine-hours to quicken production . . . and engineering and research staffs capable of overcoming the uncharted problems mechanized war imposes . . . and finally, on armaments, *the co-operation of 297 sub-contractors and 41 suppliers of raw materials*. Negotiations are proceeding for adding more sub-contractors.

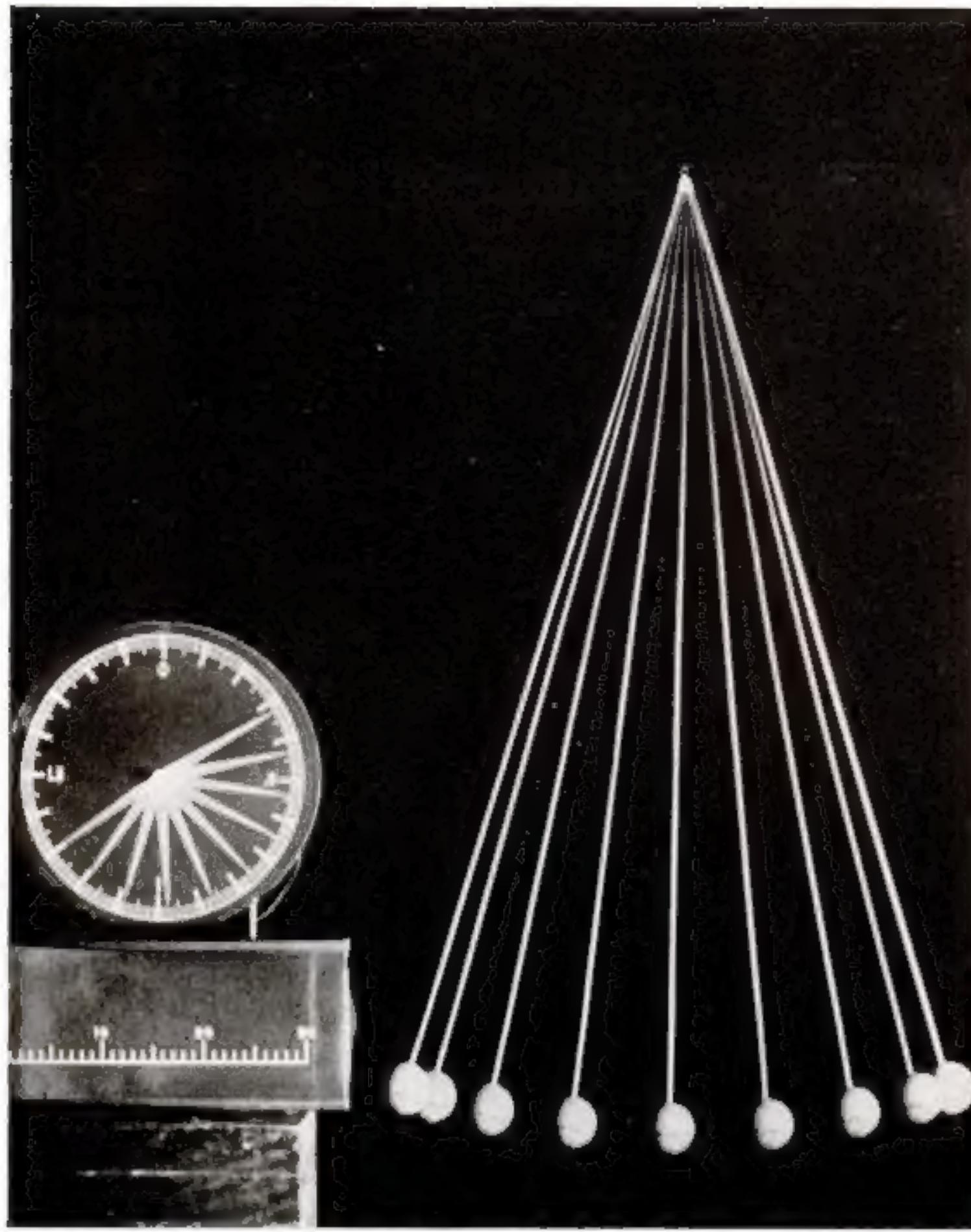
Loyalty and co-operation will bring victory for the American Way

One more thing—and that the most important of all—makes Pullman-Standard's accomplishment possible: the loyal and patriotic will on the part of every worker to make his an all-out effort in defense of his country. In this voluntary effort lies the demonstration that men trained in a free democratic system can out-manufacture, out-plan, and out-think the dictators. And, as long as that is true, free government shall not perish from the earth.

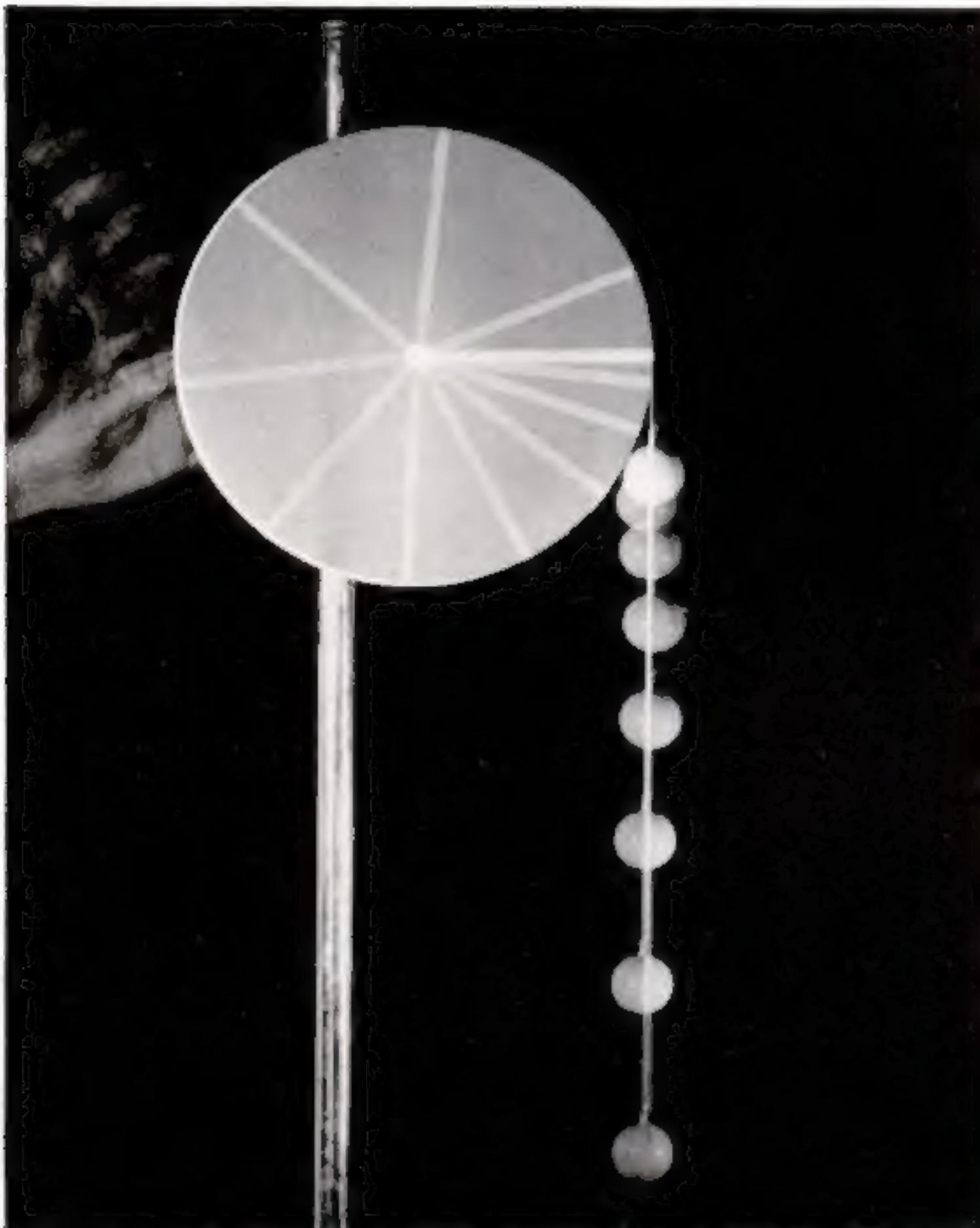
PULLMAN-STANDARD CAR MANUFACTURING COMPANY
CHICAGO • ILLINOIS

Copyright 1941, Pullman-Standard Car Manufacturing Company

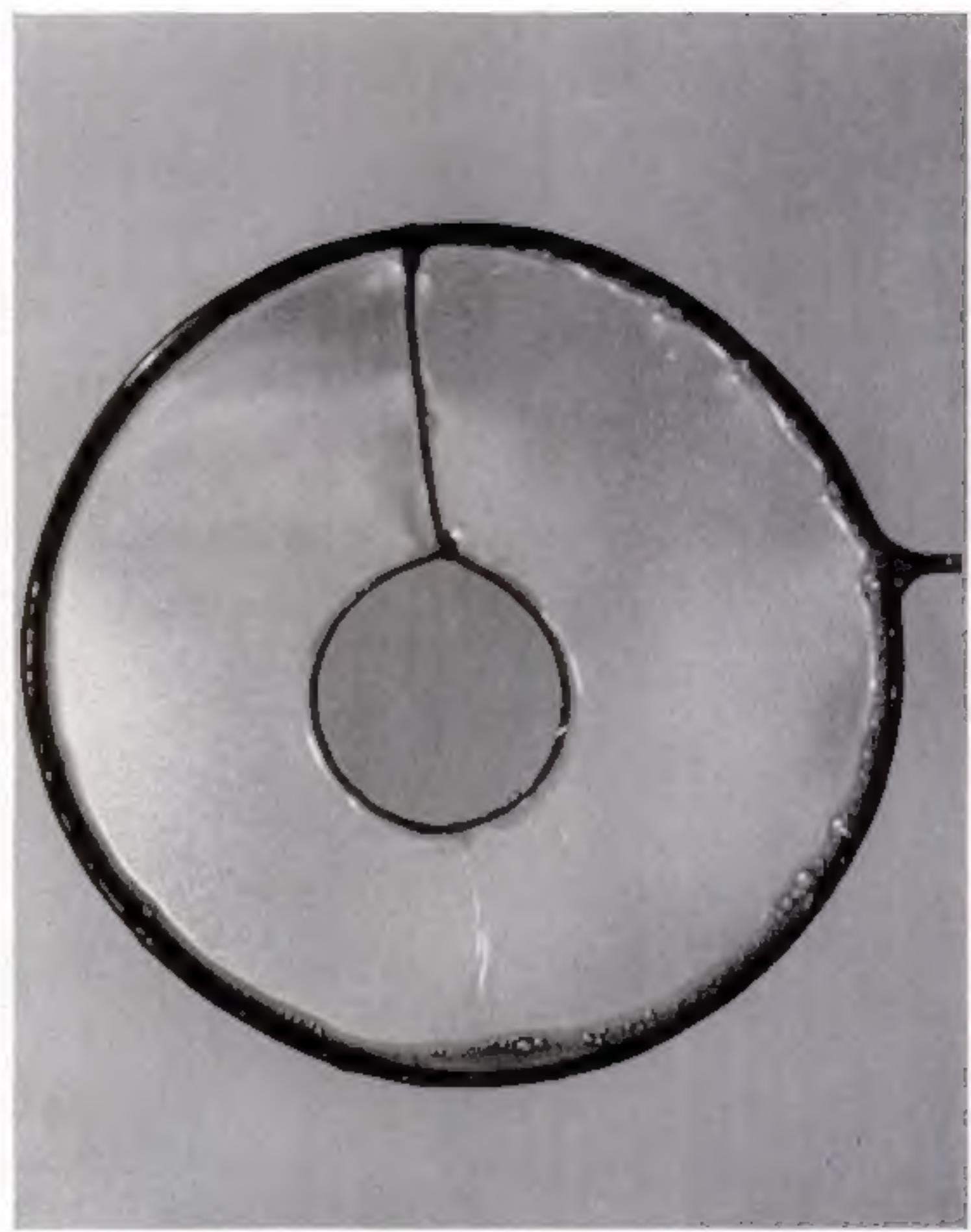
Copyrighted material



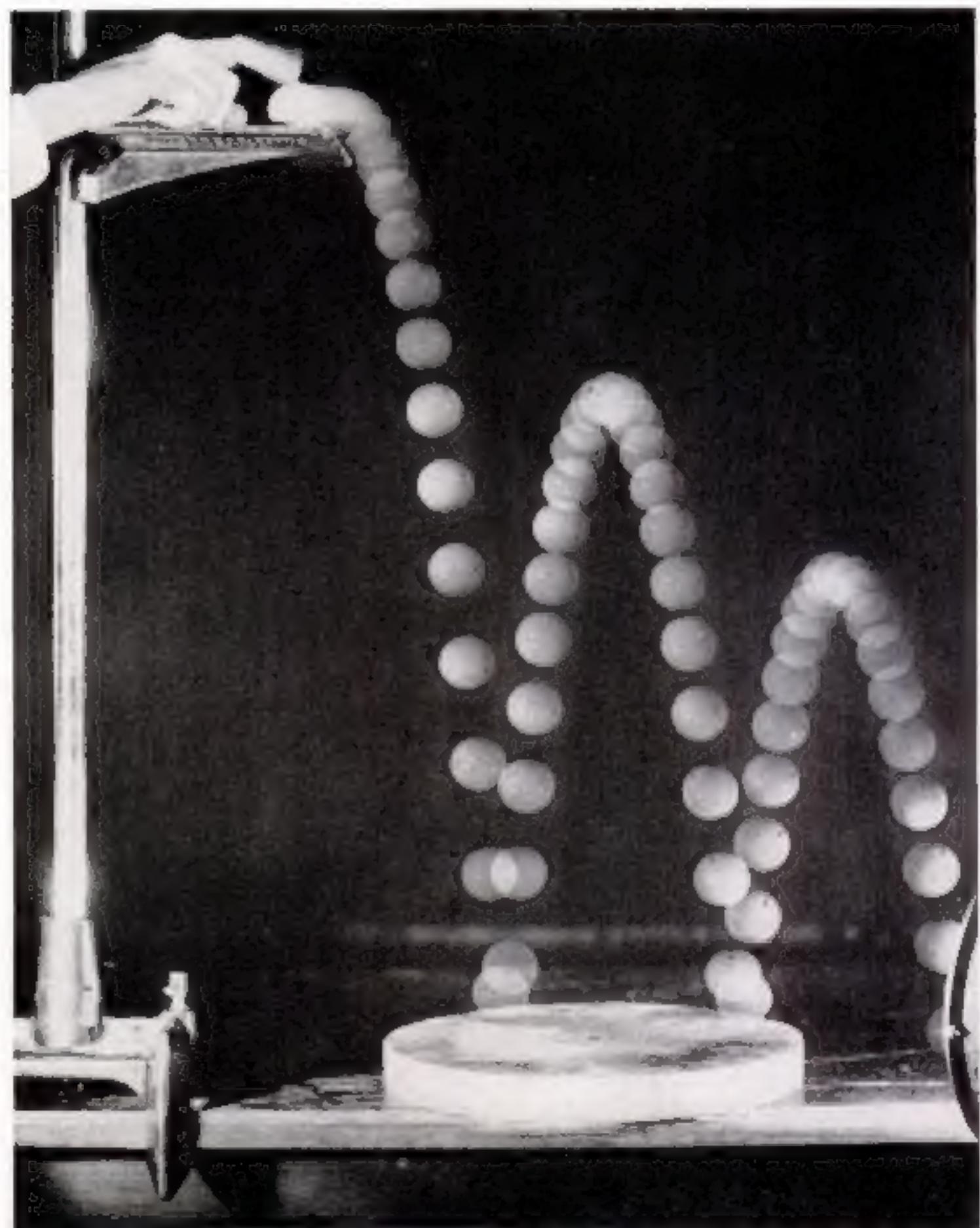
$T = 2\pi\sqrt{\frac{l}{g}}$ is visually demonstrated. Formula states that time for pendulum swing (T) equals two times pi (π or 3.1416) multiplied by square root of length of pendulum cord (l) divided by acceleration of gravity (g). Left is clock, scale to show length of swing.



$a = R\omega^2$ relates linear and angular acceleration. a is acceleration of ball, whose string winds around disk. R is radius of disk, ω is acceleration of disk. The ball drops faster (note wider spaces) as the disk turns faster (note the more widely spaced lines on the disk).



$F = \gamma \times l$ describes surface tension. A piece of looped string, dropped haphazardly into a soap emulsion, spread out in a taut circle, due to surface tension. Tension force (F) equals the film surface tension (γ or Greek σ) multiplied by the length of the string.



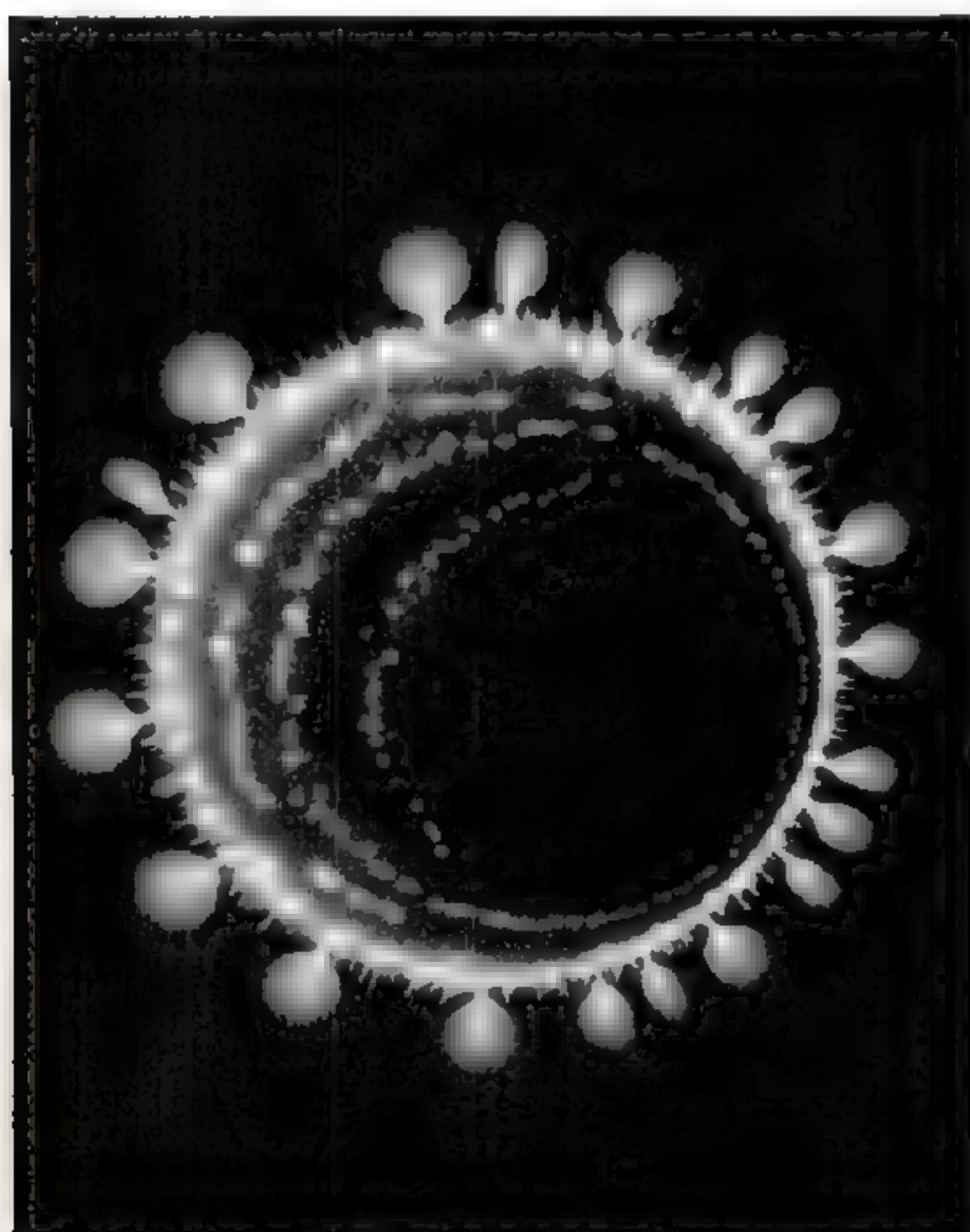
$V_1 : V_2 = \sqrt{\frac{h_1}{h_2}}$ is formula showing relation of velocities of a bouncing ball after first bounce (V_1) and after the second bound (V_2). Velocities are proportional to the square root of the height of the first bounce (h_1) to the height of the second bounce (h_2).

SPEAKING OF PICTURES . . .

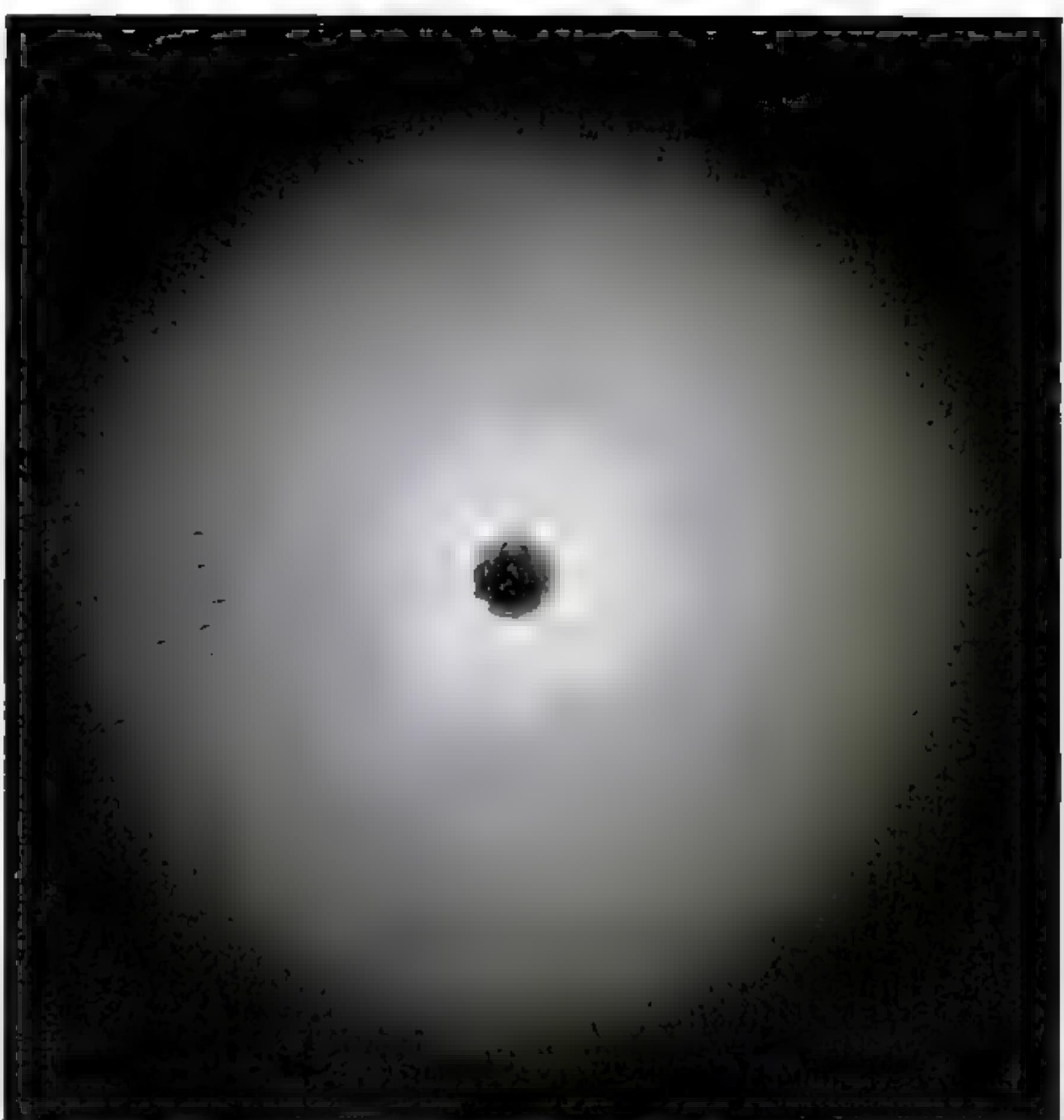
. . . THESE SHOW SCIENCE
AS TRUE AND BEAUTIFUL

The strange and beautiful patterns displayed on these pages serve some curious uses. They demonstrate visually some physical formulas and phenomena which have long been known and understood but whose details have never been seen. The pictures are the work of scientists at the Massachusetts Institute of Technology. Those opposite, taken by Professor Harold E. Edgerton and Professor Francis W. Sears, illustrate basic formulas by use of the Edgerton high-speed continuous flash technique which stops moving bodies at regular intervals and records their behavior. The photographs on this page, taken by Professor Arthur von Hippel and F. H. Merrill, show the patterns of electric sparks. They verify researches done in 1777 by a German physicist named Lichtenberg who drew sparks on a piece of dusty resin, observed the paths of the sparks and, observing carefully, sketched the patterns known now as Lichtenberg figures. The old German was very accurate because these photographs are just like his drawings.

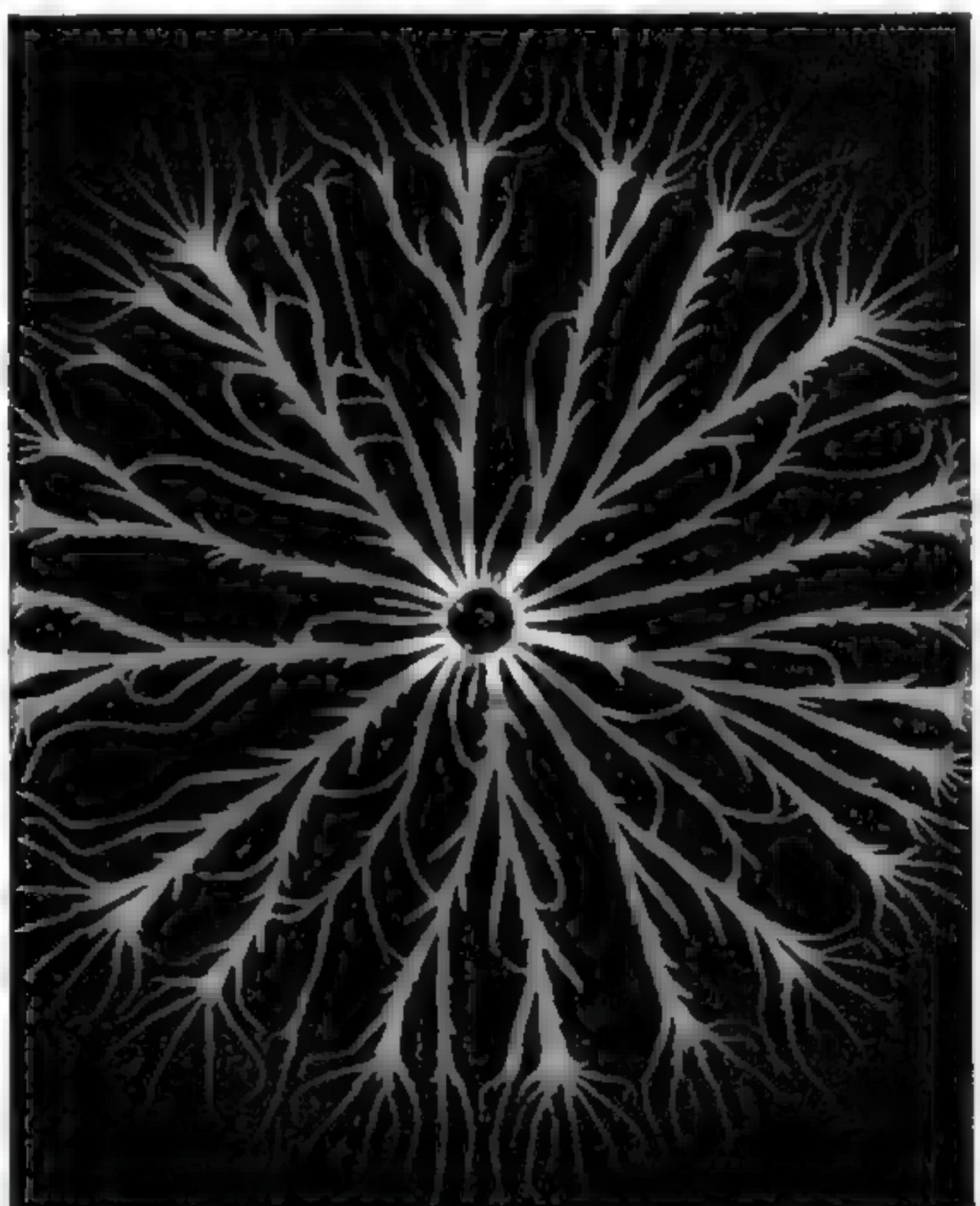
These pictures make a point which warms the hearts of scientists. Recently the *Technology Review* wrote about them: "Any physicist will tell you with vehemence that the fundamentals of his science are beautiful in their simplicity. The rippling rhythms of harmonic motion, the suave sweep of parabolic paths, the cunning counterpoint of deceleration during ascent, acceleration during descent . . . compose a compelling symphony." The scientists at M. I. T.—however trained they may be by the beauty of the pictures—put them to practical uses. They show them to freshmen classes as proof that their formulas are really true and they have found that even in physics seeing can strengthen believing.



Electron clouds erupt from the electrode, as shown in this highly magnified picture. Here a heavy gas under pressure slows up the electrons so they do not fly out, as they do in the picture at top right. Electrons are moving away from electrode so this is a negative charge



Patterns of electric sparks are shown here. The picture above shows what happens when a negatively charged electrode is placed on a photographic emulsion. Electrons bump into atoms, change them to ions. The excitation causes light. Electron paths are curved because this experiment takes place in a strong magnetic field.



A positive electrode pulls the electrons toward the center. When they reach the electrode (at middle) they make a bright path. Positive charges always show great turbulence. These lines are actually paths along which electrons race, the picture proving what the eye cannot follow.

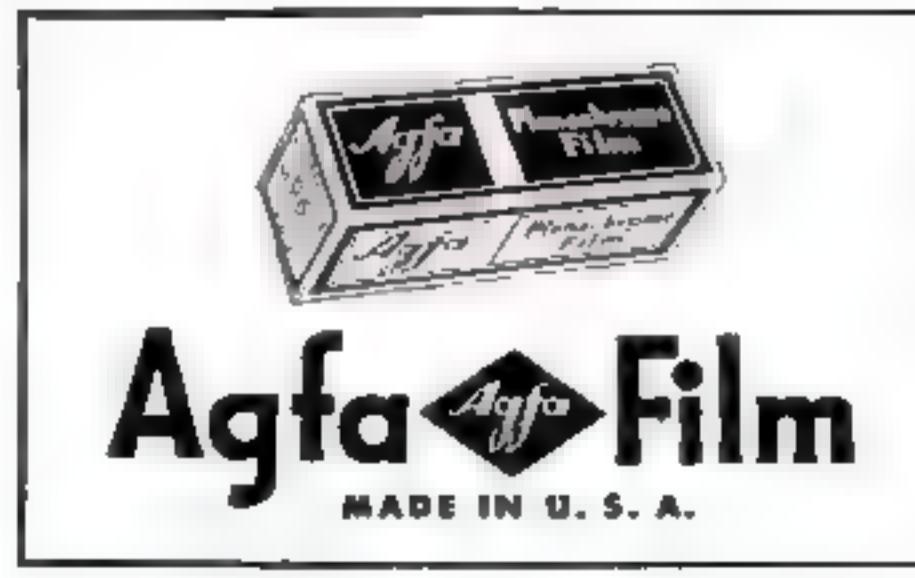


How to get twice the fun out of your camera

YOU MAY BE pleased as punch with the pictures you now take... but by planning your pictures, trying new things, taking pictures you didn't think you could get, *you double your fun!*

Try out some of the suggestions on this page. And next time you buy film, get a copy of "Better Photography Made Easy," published by the makers of Agfa Film and Agfa Cameras. *Agfa Ansoo, Binghamton, New York.*

"PICTURES THAT SATISFY OR A NEW ROLL FREE!"



1. Composition is maneuvering your camera so the subject is pleasingly arranged. Keep your pictures simple; eliminate distracting elements. Try camera angles that stress the important parts of the subject. And use a film you will always be sure gets what you want: dependable Agfa Film.



2. Sun at your back isn't always necessary. Things to remember are: keep your lens shaded from the sun... use Agfa Plenachrome Film whose wide latitude allows you a wide margin for error in judging light conditions... use sun and shadow for contrast and emphasis. Agfa Plenachrome will bring them out in clear, sharp pictures.

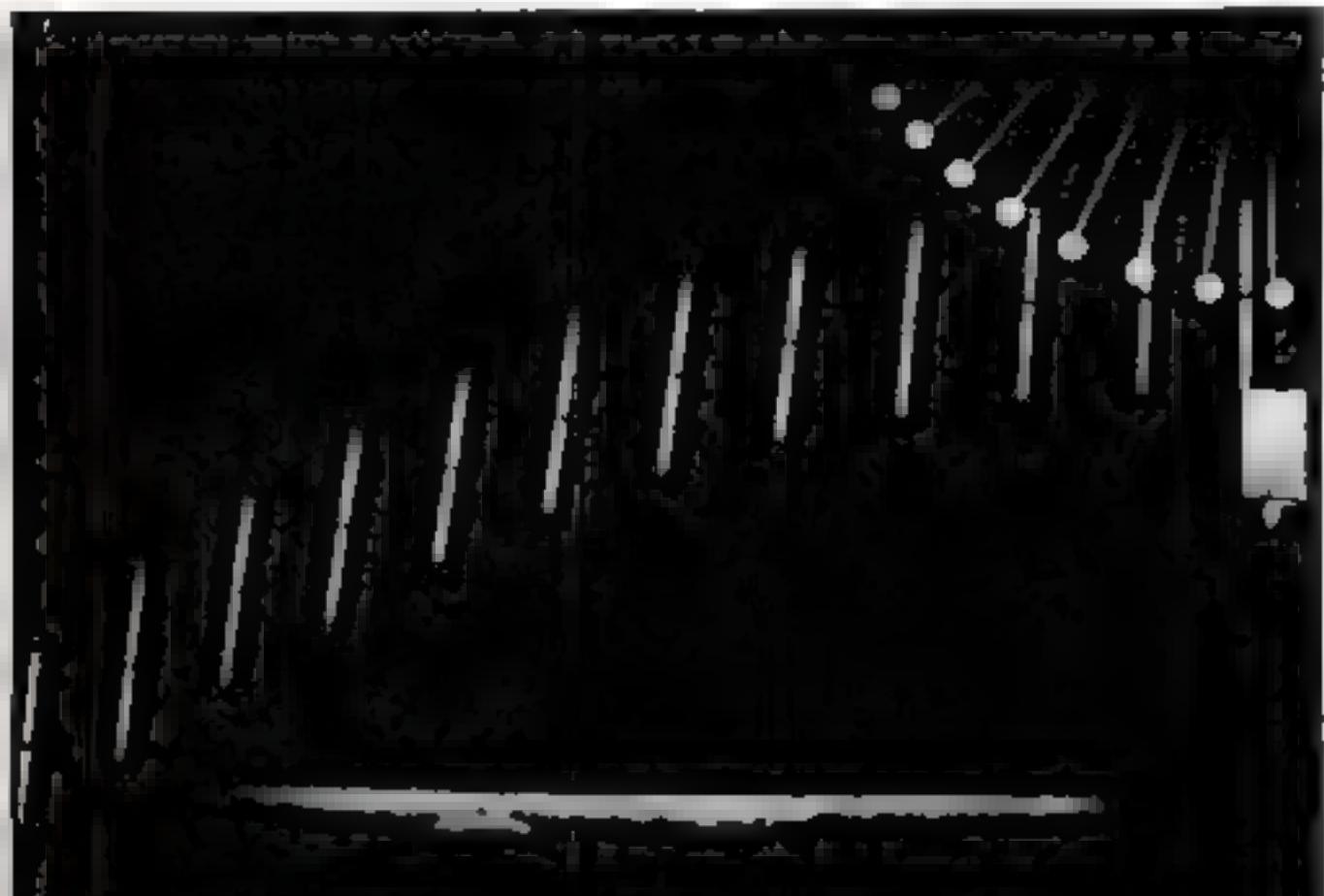


3. For action pictures, you need not only a camera with a fast shutter, but also fast film. News photographers say there's no faster film than Agfa Superpan Press. It comes in a size to fit your camera. Use it for action, indoors, and under difficult light. There's an Agfa Film for every photographic need. Only Agfa guarantees, "Pictures that satisfy or a new roll free."

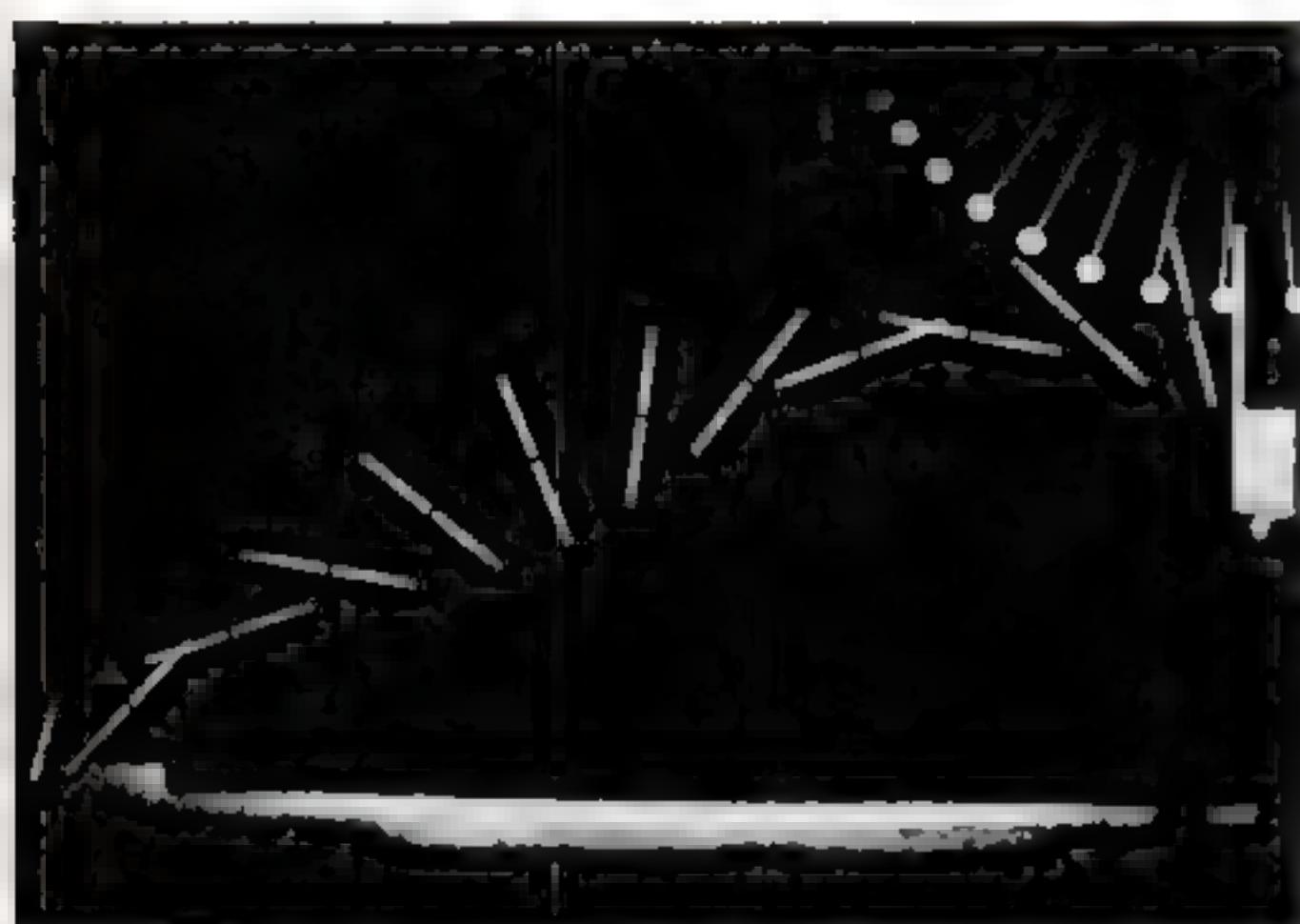
SPEAKING OF PICTURES

(continued)

The photographs below, taken by Professors Edgerton and Sears, show what happens to a rod when it is struck by a swinging pendulum. The rod is hit first at the center of gravity, then just above the center and finally just below it. After being hit, the rod moves stiffly through the air like some circus tumbler and proves one point: that, no matter where it is hit, its center moves in precisely the same parabola. By drawing a continuous line through the dark band which marks the rod's center of gravity, you can see how uniform its path is.



Struck at center of gravity, the rod stands upright as it moves parabolically out and down. Pictures prove horizontal velocity and downward acceleration remain uniform.



Struck above the center of gravity, rod does a forward somersault and here performs one full revolution. Observed rate of rotation proves long-known rotation formula.



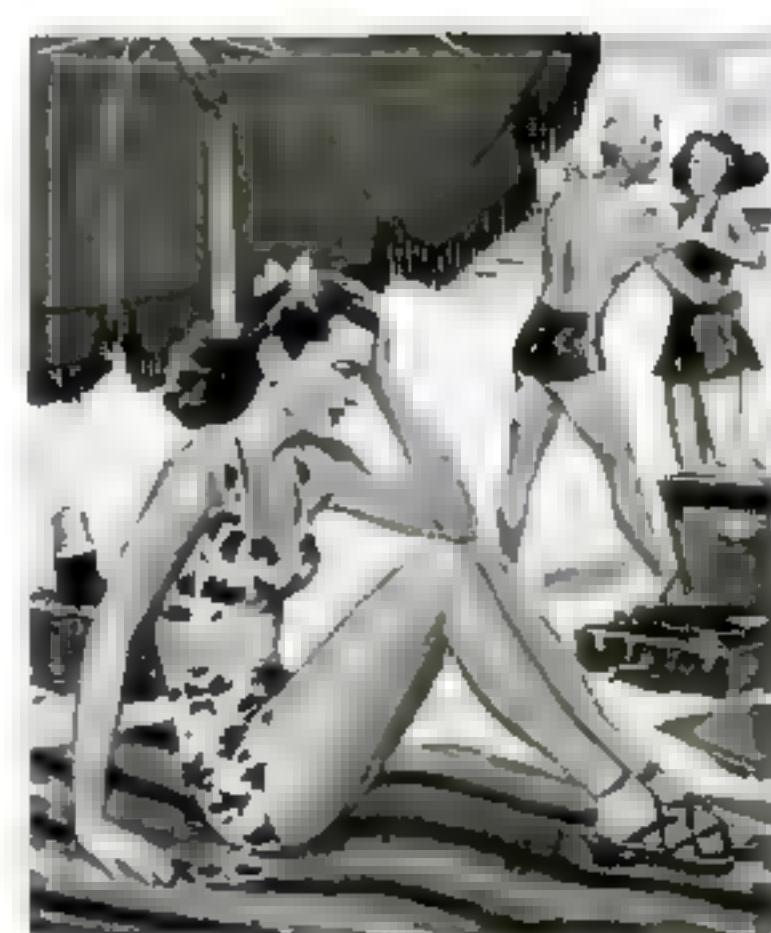
Struck below the center of gravity, the rod now does a backward somersault. Rotation of rod around the center of gravity is uniform throughout this entire series.

A good time spoiled for Cora



Cora needs a laxative. But she's got "a big date" to go to the beach for a day's outing.

"How can I risk taking anything at this hour?" she asks herself. "Better



wait till tonight," she decides.

Cora has a dull time of it. Drearly, she watches her escort enjoy himself with other girls while she holds her heavy head and wishes the day would end.

Lots of fun for Mabel



Mabel needs a laxative. She's going to the beach, too. But her mother knows, "Never put off till tonight the laxative you should take this morning."

She knows Sal Hepatica is speedy.



Mabel is full of life, the sunshiny hit of the beach. Sal Hepatica worked quickly, gently.

By the time she was in her swim suit, Mabel was ready for action and fun.

Whenever you need a laxative —take *speedy* Sal Hepatica

Unusual food, a change of water, a new routine and—first thing you know—holiday pleasure is threatened. You need a laxative.

No need to lose vacation playtime—if you keep speedy Sal Hepatica handy.

Sal Hepatica usually acts within an

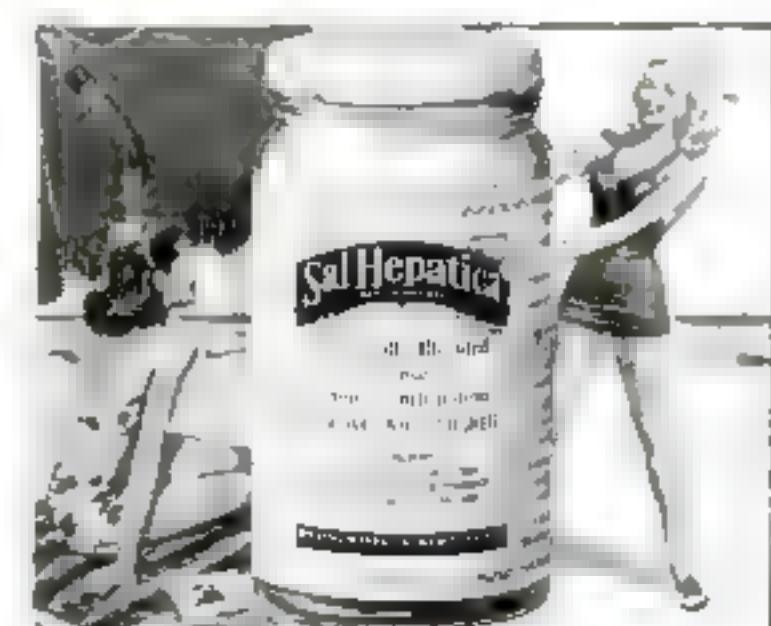
Besides acting promptly as a laxative, sparkling Sal Hepatica does a lot to counteract excess gastric acidity, helps turn a sour stomach sweet again.

On vacation . . . or at home . . . whenever you need a laxative, take *speedy* Sal Hepatica.



hour. Acts in a natural way, by attracting needed liquid bulk to the intestinal tract—without discomfort, irritation, or griping.

Small wonder a recent survey shows 3 out of 5 doctors interviewed recommend Sal Hepatica.



SAL HEPATICA

MacDuff takes a puff by O. Soglow

"THAT REMINDS ME, JENKINS,
THERE'S NO BITE IN GOOD
OL' KENTUCKY CLUB TOBACCO!"



"You'd look tidy in a tiger-skin, Jenkins! But that terrifying tiger will get tame soon's he sniffs the good ol' Kentucky Club aroma from my pipe. Kentucky Club is the only tobacco that licks that villain, tobacco-pipe. Kentucky Club is the one tobacco made 100% of 'all-white' burley! 'Cause it's the one tobacco made 100% of 'all-white' burley! That's the light, 'no-bite' burley!" Want to become a tobacco-bite tamer friend? Get a handsome blue tin of Kentucky Club. One puff and you'll be purring happy as a pussycat. (It's perfect for rollin'-your-own, also.) Penn Tobacco Company, Wilkes-Barre, Pa.

TAN WITH Gaby

DOUBLE Money-Back GUARANTEE

Double your purchase price refunded if for any reason you do not tan easily, beautifully with Gaby. Just return the unused portion to Gaby, Philadelphia, Pa.

Gaby GREASELESS SUNTAN LOTION

10¢ 25¢ 50¢ \$1.00
At Better Stores Everywhere

NOT OILY • NO ALCOHOL

GABY GREASELESS HAND LOTION . . . for lovely hands

Gaby GREASELESS SUNTAN LOTION
CONTAINS: Mineral Oil, Vegetable Glycerine, Lanolin, Beeswax, Urea, Zinc Oxide, and other ingredients.
DIRECTIONS: Apply liberally to skin after sunbathing or exposure to the sun. Gaby is a registered trademark of Gaby Laboratories, Inc., Philadelphia, Pa.

LIFE'S COVER



Teetering on LIFE's cover is a typical circus family, now at the peak of its glory at the peak of the circus season (see page 47). Star wire-walker is Oklahoma-born Hubert Castle guiding his 5-year-old son Hal into the arms of his pretty mother, Mary. Hal is wire-walking just for fun because his father believes he should not be trained until he is old enough to know his own mind. Next year Hal will go to school in Texas, where his father is building a ranch. Now he sleeps from midnight to noon on the circus train, lives with his family all day in a big red wagon.

EDITOR
Henry R. Luce

MANAGING EDITOR:
John Shaw Billings

EXECUTIVE EDITORS:
Daniel Longwell, Wilson Hicks

ASSOCIATE EDITORS:
Hubert Kay, David Cort, Joseph J. Thorndike Jr., Joseph Kastner, Noel Busch, Paul Peters, Maria Scrimolina, Rachel Albertson, Edward K. Thompson, Walter Graebner

ART EDITORS:
Peter Picning, Worthen Paxton

EDITORIAL ASSOCIATES:
Julian Bach Jr., Lincoln Barnett, Don Burke, Alfred Eisenstaedt, John Field, Bernard Hoffman, Dorothy Hoover, Oliver Jensen, Thomas D. McAvoy, Hansel Mieth, Carl Mydans, John Phillips, Gerard Piel, Hart Preston, Tom Prideaux, David Scherman, William C. Shroud Jr., Peter Stackpole, George Strock, William Vandivert, Margit Varga

EDITORIAL ASSISTANTS
John Allen, Margaret Bassett, Ruth Berrien, Roger Butterfield, Judith Chase, Bernard Clayton Jr., M. E. Crockett, Mireille Gaulin, Sidney James, Elaine Brown Kessler, Elizabeth Kelly, Will Lang, Dorothy Jane Larson, John Manthorp, Lisbeth de Moennai, Joan Piter, Richard Pollard, John Purcell, Lillian Rixey, Helen Robinson, Bernice Sheffie, Shelley Smith, Jean Speiser, Marion Stevens, Lura Street, Mary Welsh

PUBLISHER: Roy E. Larsen

GENERAL MANAGER: C. D. Jackson

ADV'D DIRECTOR: Howard Black

Subscriptions and all correspondence regarding them should be addressed to CIRCULATION OFFICE: 330 East 22nd Street, Chicago, Illinois.

LIFE is published weekly by TIME Inc.—Editorial and Advertising offices: TIME & LIFE Building, Rockefeller Center, New York City. Henry R. Luce, Chairman; Roy E. Larsen, President; Charles L. Siem, Treasurer; David W. Breckinridge, Secretary.

SUBSCRIPTION RATES: One year: \$4.50 in the U.S.A., \$5.30 (Canadian dollars) in Canada including duty \$6.00 to Pan American and elsewhere. \$10. Single copies in the U.S.A., 10¢; Canada, 12¢; U.S. Territories & Possessions, 15¢; elsewhere, 15¢.

DRINK IT ICE COLD 5¢

Nestle's CALIFORNIA ORANGE

THE FOUNTAIN FAVORITE FOR YEARS

GREAT LAKES CRUISES

Only

\$17.50 UP.

EX. EXPENSES
FROM DETROIT



Grab your grip and take a trip aboard a big D&C cruise ship. Games on the decks, dancing in the moonlight, gay cocktail parties, famous food, cool sleep in airy staterooms.

Week-end cruises to Mackinac Island; midweek cruises to Mackinac and Georgian Bay; from Detroit, Buffalo, Cleveland.

EAST OR WEST... RIDE AND REST!

D&C boats sail nightly between Detroit and Buffalo, Detroit and Cleveland. Low fares, cool staterooms. Take your car aboard... overnight ride saves a day's driving.

**See any
Travel Agent**

**FREE
BOOK**

**D & C
LAKE LINER**
• Det. L. T. B.
• Ft. Erie, N. Y.
• DETROIT

Please send complete information
Name _____
Address _____

Sail your way through Summer
Keeping crisp and cool—
Let a bowl of Krispies
Be your daily rule.



Ahoy, CRISPNESS!

the
lasting kind

"Get away from it all!" That's the ticket! And while you're at it, get away from those ho-hum, humdrum breakfasts. Delicious Kellogg's Rice Krispies can give you real vacation-time zest *every morning*.

What a picture! Start with a generous heap of these mellow-flavored, golden bubbles. Highlight them with your favorite fruit. Splash in frosty milk or cream. Then listen as Rice Krispies proclaim their crispness—snap! crackle! pop! What's more, you'll find they *hold* that famous crispness to the final mouth-watering spoonful!

Yes, here is *extra* goodness! It's the result of a unique Kellogg flavor recipe, oven-popping, and gentle toasting. Get the Rice Krispies habit. Enjoy them often at home . . . traveling, too. Leading hotels, restaurants, camps and trains feature Kellogg's Rice Krispies in individual packages.

"Rice Krispies" is a trade mark (Reg. U. S. Pat. Off.) of Kellogg Co. for its delicious brand of oven-popped rice.

DELICIOUS WITH FRESH,
FROZEN, COOKED OR
CANNED FRUITS

© 1941 by Kellogg Company



Kellogg's CEREALS
MADE IN BATTLE CREEK
KELLOGG'S CORN FLAKES • RICE KRISPIES • ALL-BRAN • WHEAT KRISPIES • PEEPS
KELLOGG'S 40% MEAL FLAKES • ZINNIES • KELLOGG'S SHREDDED WHEAT

New "all-out" roads are laboratories— prove need for "X" safety factors in motor oil



Cars roll off the production lines:

at Detroit onto "Roads of Tomorrow" like this one to Pontiac. Michiganders own more than a million passenger cars—drive them fast and far on a superb system of sustained-speed highways. In an editorial, a New York newspaper said of a recently opened super-highway: "Cars are meeting their match. The fault lies not so much in the car as in the failure of its driver to attend properly to maintenance . . . In consequence, there has developed no little trouble with over-heated engines and burned-out bearings."

If you take a motor trip as part of this year's vacation, you'll be amazed to see what's happened in America: "Roads of Tomorrow" are here. Miracles of planning for speed with safety!

These super-roads are supplemented by tens of thousands of miles of fine "open-country" highways which permit sustained speed over long distances.

You drive these roads in a late-model car whose increased power, ease of control and safety make yesterday's "excessive" speed only normal driving.

But sustained speed intensifies the punishment which motor oil must take. Until recently, no motor oil—even "the best money can buy"—was made for these extreme conditions. Under sustained speed, chemical changes may take place in such oil. Motor damage, or a severe loss in performance, may follow.

Shell scientists saw this coming. For 3 years, they have been at work at the "University of Petroleum," Shell's \$3,500,000 research laboratories, in anticipation of the problem.

Now they have the answer—Shell X-100 Motor Oil—the new-type lubricant for extreme conditions.

Extra safety factors—the "X" factors—enable Shell X-100 Motor Oil to resist chemical changes under sustained speed.

This may be a safer oil than you need. Excellent oil for ordinary driving can be bought for less. But if you sometimes call on your late-model car for capacity performance, DRAIN AND RE-FILL NOW WITH SHELL X-100 MOTOR OIL. It's safety insurance for your motor. Now at all Shell dealers.

FOR SUSTAINED
SPEED AND EXTREME
CONDITIONS

35¢ a quart

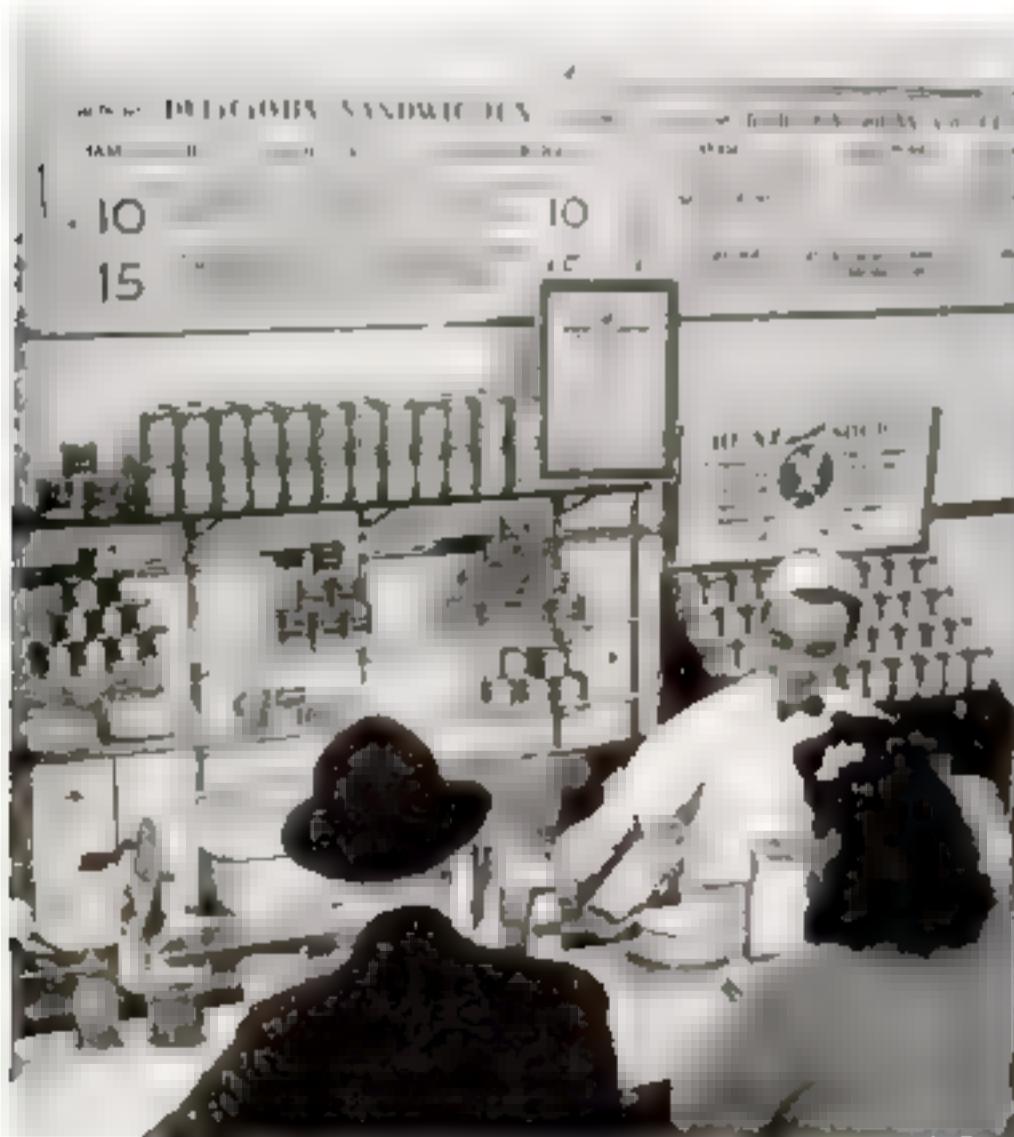
Advertisement

THE AMERICAN SCENE...



Pittsburgh, Pa.: Crowded daily with shoppers and workers...nightly with theater-goers...Pittsburgh's Sixth Street White Tower—one of many spotless "Towers" scattered in metropolitan centers throughout the East and Midwest—does a thriving business. Thank luscious hamburgers, fine pastries, and hearty home-style Heinz Soups for that. Notice the Heinz Soup Kitchens in the

background, typical of the type that provides quick service for White Tower and other restaurants throughout the country. Now, in two minutes, you can get the same soups when dining out that you get at home. And you can watch your favorite style being heated! Ask for Heinz Soups at your restaurant or lunch counter—enjoy home-style soups, served in a jiffy.



Philadelphia, Penn.: Right in the middle of Philadelphia's busy shopping district, this Tom Thumb Restaurant serves Heinz Soup day and night—on the very site where Thomas Jefferson drafted the Declaration of Independence. Here, too, Heinz Soup Kitchen offers 23 varieties of Heinz Home-style Soups to eager patrons.

AT mealtime, the great American Scene in thousands of restaurants and lunch rooms from coast to coast is, more often than not, enacted before a backdrop of Heinz Electric Soup Kitchens. Containing your favorite Heinz Home-style Soups, these Soup Kitchens are a boon to customer and proprietor alike. For they heat mouth-watering Heinz Soups to steaming goodness in two minutes. Stock your shelves with these Heinz Soups. A generous supply prepares you for many an emergency.

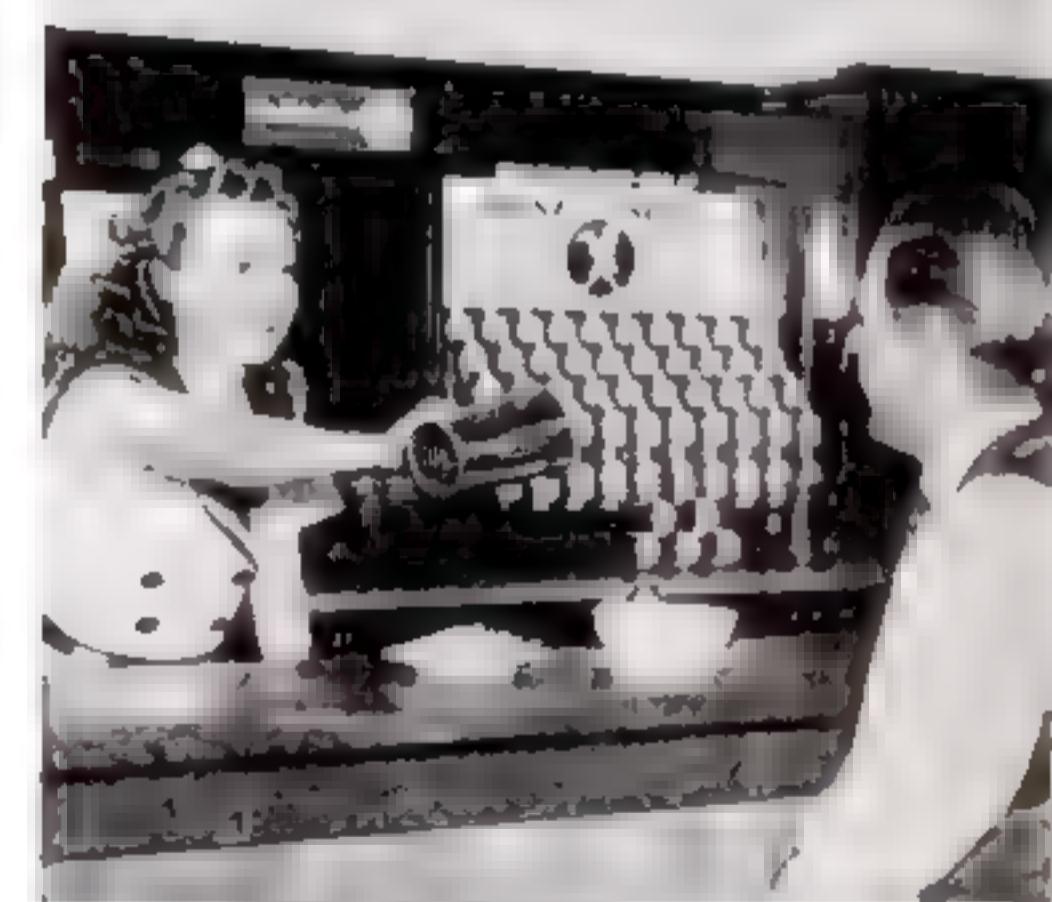
57



San Francisco, Cal.: Sightseers from all parts of the world drop in for a refreshing snack and a steaming bowl of Heinz Home-style Soup at the new Zoo Cafe located in the center of San Francisco's famous Fleishhacker Zoo. In nourishing Heinz Home-style Soups they find new energy and a world of tempting flavor!



New Orleans, La.: Favorite rendezvous of office workers and professional men, Valoff's Luncheonette in Downtown New Orleans' financial district serves good food quickly—with a Heinz Soup Kitchen. Busy executives go for these nourishing, home-style soups.



Atlanta, Ga.: When office workers from Atlanta's busiest office buildings gather at Hirsch Cigar and Soda Co., for their noonday meal, Heinz Soups get first call. Both customers and proprietor compliment the convenience of the Heinz Soup Kitchen—the quick way of serving these flavorful home-style soups.



NAZI PANZER MEN RUSH TO ATTACK RUSSIAN SHARPSHOOTERS IN FARMHOUSE LEAVING PROTECTION OF ARMORED TROOP CARRIER WITH ANTI-TANK AND MACHINE GUNS

THE GERMAN ARMY HEADS FOR MOSCOW

The stupendous total of "nine million men," according to the Germans, last week finished a fourth week of the biggest battle in history. The German pictures on these pages are the first (except for blurry radio-photos) to show the awesome struggle on the Russian plains. These pictures and this war prove once again what nearly everybody has long known: that the German Army of 1941 is the greatest fighting outfit ever assembled.

Germany was last week decisively beating Soviet Russia. The only remaining doubts were how much of an army the Russians would still have east of Moscow and how long they would trouble to fight there. But it was equally plain that the Russians had fought a battle that was strategically and tactically sound. Given their equipment and transport problems, they had made few if any mistakes. Weeks after the experts considered them broken and doomed, they were still fighting stubbornly and eagerly with great masses.

The Germans were having trouble moving stuff forward on the destroyed Russian railroads which are of a wider gauge than the German. The Russians had left very little rolling stock behind. At Bialystok the garrison held out for five days and then fought for another week in the underground corridors of the fortress. At Libau, guerrillas hiding in the wrecked and burning buildings counterattacked the

entering German troops with hand grenades, pistols and mines. It took flame-throwers to wipe them out.

A Swiss correspondent who had seen captured Russian matériel in Galicia wrote: "The guns, caterpillars and tanks appear to be completely new, immaculately painted, well looked after, cleanly finished and well designed."

The Russians had been taught to fight the blitzkrieg as individuals. They hide and fight from ambush. Each man carries food for three days, a rifle, a small spade and explosives. Thus, even when "surrounded," he can survive and do damage. To these troops far behind the German lines, Russian planes daily dropped the latest issues of *Pravda* and *Izvestia*. Last week the Political Commissars, who had once had equal power with the colonels of the regiments and then been removed from the Red Army, were surprisingly re-instated. Purpose seemed to be to make trapped troops to fight on to the death in violation of all military common sense.

But the Nazis do not worry much about their communication lines. They too carry several days' rations and ammunition. When they need anything they call for it openly without code on their portable radios and the air force supplies it. Junior officers are told "Do something, do anything, even if it is wrong. The unforgivable sin is to do nothing." They show as little regard for their own lives as for the en-

emy's. Even the German radio admitted: "This war is not much like Poland and France. Almost everywhere in our rear violent fighting flares up continuously. Our rear lines are constantly exposed to heavy pressure. All is in flux."

German Major General Langenfeld called a staff meeting in a field. Suddenly snipers began, fire from the trees. Before the general could get support, he was killed. General of Tanks Rudolf Schmidt ran into such furious anti-tank fire that he and his men were forced to abandon their tanks and wiggle off on their stomachs. Finally by a sharp burst of speed, he just managed to escape the Russian charge.

However, the Russians have small hope of winning the war by fighting in the Germans' rear. Their problem is to get away, on roads and railroads that give them almost as much trouble as they will soon give the Germans.

"Nachmayersya," muttered the Russian peasant, "It is beginning. What will be, will be." More ferocious were the Communist intellectuals who once again began calling the Nazis "barbarians, cannibals, bloodsucking reptiles," even produced a story that Hitler was in an epileptic fit. Though Moscow still viewed foreigners with suspicion, it took Britons and Americans to its heart. In London, Russian Ambassador Maisky, when asked about the possible fall of Moscow, replied: "It's a long, long way to Tipperary."

WAR IN RUSSIA: HUNDREDS OF THOUSANDS OF RUSSIAN PRISONERS PILE UP BEHIND



A ramshackle fence, typical of Russia's Poland, is scant shelter for these German riflemen pitting at Russian sharpshoot-

ers ahead who are protecting anti-tank obstructions. The Russ-
ians are probably many more than the letter slots for nearly

all Russian men, many women, get rifle training. Note how
the Germans huddle up in battle, contrary to their training.



Russian prisoners, thoroughly exhausted, get their first rest
in days in German camp. Like sensible soldiers, they have dis-

carded their steel helmets and put on light forage caps. One has
taken off his shoes. The boy at left looks surprisingly young.

even for the Russian Army. Directly behind him is the Red colonel whom two Nazi officers are questioning on opposite page.

THE GERMAN ARMY AS IT ADVANCES ACROSS U.S.S.R. IN THE GREATEST BATTLE IN HISTORY



Walking wounded among the Russian prisoners, plus some civilians, pass a German motor transport column. The man with the

leg wound in the center is about to be carried sitting on a board. If the men not in uniform were caught with guns, they will be

executed by German firing squads. The U.S.S.R. nevertheless has trained and encouraged all civilians to fight to the death.

The German Reichswehr has added enormous numbers of Russians to its vast and growing collection of Polish, Norwegian, Danish, Dutch, Belgian, French, Yugoslav, Greek and English prisoners. Some idea of what it got is given by the pictures on these pages. The Germans give worse and worse treatment in descending scale to Ukrainian, Russian, Asiatic and Jewish soldiers of the Red armies. It executes all men and women not in uniform who are caught with guns, following instructions of Stalin to fight the enemy to the death by every means. Later, it may begin to execute ten or 20 Russians for every such "crime." Very few of Stalin's People's Army, which must number nearly 10,000,000, own uniforms but all are fair shots.

Nobody can know yet how deadly has been their guerrilla war. It calls for impossible heights of suicidal sacrifice from lone civilians.

Meanwhile German spearheads last week opened a big hole in the Russian lines around Smolensk and ripped pell-mell toward Moscow, 200 miles away. Two other great drives approached Leningrad (always called Petersburg now in the Nazi press) and Kiev. The world had never seen so much simultaneous warfare over so vast an area.

The heroisms, the superhuman feats, were multiplied on this great battlefield to a point where they became hardly noticeable. Hero picked out by Hitler was Lieut. Colonel Werner Mölders, 28 (right), who has used Hitler's many wars to pile up a total of 115 enemy airplanes destroyed in combat, 35 more than the late Baron von Richthofen in World War I. Last week Hitler made him "Ace of Aces" with the award of the Oak Leaves with Swords in diamonds for his Knight's Cross of the Iron Cross. He had shot down five Russians in a day.



ACE OF ACES MÖLDERS



Russian snipers, wearing army boots, are marched back for execution by German soldiers with fixed bayonets. They are watched by unsmiling Nazi troops that have just cleaned out the town.



Russian colonel is questioned after capture by a German captain (rear) and a lieutenant who is reading in Russian the colonel's papers and interpreting for his captain. This is a high type of officer.



German prisoner questioned by Soviet officers is one of the first pictures ever induced out of Soviet Russia. For 20 years the Government-controlled picture output of U.S.S.R. had been

silent. At outbreak of war w/ Germany Bolsheviks began sending out daily radio pictures on an experimental basis via a transmitter completed by the Government just before war started.



A few German prisoners march past a Soviet cameraman for an experimental radiophoto. Some of these are engineers. Those with the eagles on their sleeves belong to special shock reg-

iments. The single chevrons indicate first-class privates. These men look extremely neat and self-possessed for war prisoners and very irritated. However, they all expect to be free in a month

BEHIND RUSSIAN LINES

ALL CITIZENS TAKE ON WAR DUTIES AS MOSCOW WORSHIPS RED HEROES

by ERSKINE CALDWELL

The signing of the British-Soviet pact on July 12 brought the first genuine feeling of commonality with the world at large experienced by the Soviet Union in many moons. There is now in Moscow open-hearted acceptance of the British as allies in purpose and action. The pact has brought the Soviet Union as a country to a common meeting-place with a large portion of the world.

During nearly four weeks of war not a single bomb has fallen on Moscow. Calm pervades

the city. Each house and each block has been so well organized to combat the sudden appearance of an invading German Army that even a lone citizen is pounced upon if he walks in a peculiar manner or if he crosses the street in such a way as to arouse suspicion. Civilians have become just as much a part of the defending forces as the Red Army. Parachutists landing in Moscow now would have just as much of a chance of survival as a big walking over the Pulaski Skyway late Sunday afternoon.

Among all the people there is the undeniable will to win this war. The ones I have talked to have no suggestion of defeatism in their make-up. They are confident of eventual victory.

I was on the Black Sea coast when, at noon on June 22, Molotov announced over the radio that the war had begun. I saw crowds grouped silently around loudspeakers in the streets, staring unbelievingly at the announcements. Nobody there that day threw his hat into the air. Nobody wanted war.

Three days later the country had put itself on a full and complete war footing. Women were taking over the jobs of men as rapidly as the latter left for the front or for training. They were driving street transportation, harvesting on farms, operating factory machinery, laying railway iron and doing a hundred other things that men had done previously.

During the first week of the war, I took a train trip of 1,500 miles through the Ukraine into the industrial area of the Don River basin and northward through the central part of the Russian Federated Republic. Even though military traffic filled practically every semaphore block, civilian passenger and freight trains operated regularly on a wartime schedule. During the entire trip I did not see a single clogged main-line rail.

The Soviet Union's highly developed wood-burning gas-propelled automobiles, trucks and tractors may well prove in the long run to be one of the decisive factors in the war with Germany. I visited a tractor plant recently and saw these automotives coming off the assembly line.

There is no apparent scarcity of gasoline and the prime object of rationing is to prevent waste and conserve supplies. During the past week I have taken several trips by automobile on the main highways leading out from Moscow and the motor traffic moves along at a more accelerated pace than I had observed before the war began.

A few persons in Moscow were irked when the order came to give up their home radio sets for the duration of the war, but for the most part the population has turned them in without a murmur. In the place of the home sets, which in many instances were equipped for short-wave reception from abroad, apartments and houses have been wired for individual government radio

Erskine Caldwell, the famous author (*Tobacco Road*, *God's Little Acre*), has been in Russia for the past two and a half months on a joint expedition with his wife, LIFE Photographer Margaret Bourke-White. He was thus one of the very few U.S. journalists to observe the Russian people during the first weeks of war.

Last week the Russians lagged far behind the Germans in their spot newscast coverage of the war. But they continued to plug their best propaganda idea: the stories of individual Soviet heroes (see right). Mr. Caldwell reports that the Russian public follows these exploits of the Heroes of the Soviet Union as Americans follow the exploits of baseball or football teams.

Moscow, July 17 (by cable)
outlets. This means that there is only one program obtainable and that is the official one. Almost every square, park and plaza has a loud-speaking amplifier and these are turned on for important messages and announcements.

The people's respect for and confidence in the Red Army amounts to hero worship. Members of the Red Army receive the awards of Hero of the Soviet Union, the Order of Lenin and the Order of the Red Banner.

The visible sign of these awards is a large red enamel badge about two by three inches. The badges are worn on coat lapels. These Heroes of the Soviet Union have a following that is comparable to a current Hollywood movie star in America. It is not unusual for one of them to be acclaimed Twice Hero of the Soviet Union.

Moscow papers are filled these days with episodes of partisan warfare behind the German lines. Citizens of the occupied areas are reputed to be performing great service by nipping at the heels of the German Army with acts of sabotage and rear-guard action. They are said to be throwing burning brush on rail lines and setting fire to cross-ties, taking up rails and hiding them in swamps, machine-gunning German tank cars and throwing lighted torches at leaking gasoline and hurling glass bottles filled with gasoline at German tanks. The greater part of street conversation these days is the recital of the newest episodes of partisan fighters in German-occupied territories.

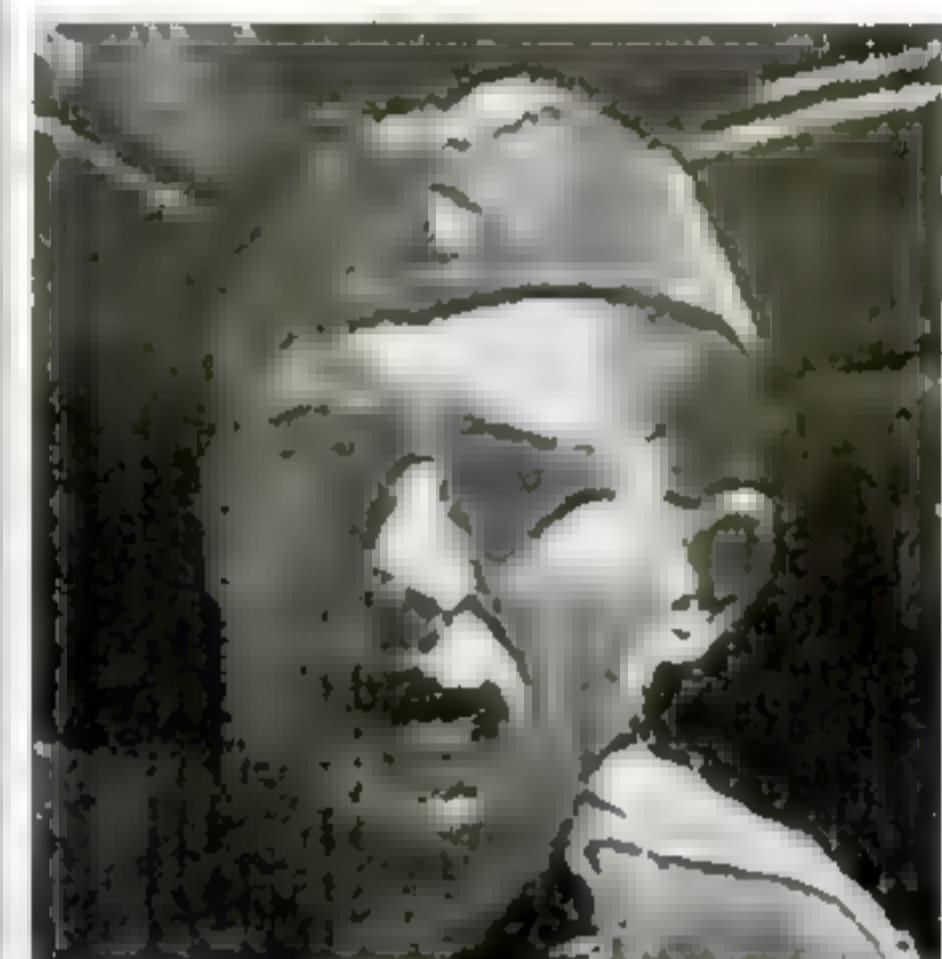
The most rousing sight these days in Moscow is the People's Army. A Russian institution that dates back to 1812 during the Napoleonic War, the People's Army is composed of men between the ages of 18 and 50 who have not been able to enlist or who have not been mobilized in the Red Army. Its function is that of a supporting force for the Red Army. It will be detailed to guard duty in the large cities of the hinterland or, if the need arises, it will be actively engaged in front fighting. Company after company of this army in civilian clothes pass through the streets day and night and it is not unusual for them to break out into song as they march.

The curfew is from 12 midnight to 4 a.m. and the city looks like a deserted planet during those hours. There is not a light to be seen anywhere except occasionally the feeble slits in automobile headlamps and a pedestrian's hand-operated traffic signal. Night watchers sit on their doorsteps or in chairs during these hours and around every door in the city you will find from two to five persons on duty. Frequently they step out on sidewalks and demand your night pass. Some nights during the curfew I have been challenged as many as twelve times during a walk of eight blocks.

Night life is almost a thing of the past. The leading hotels, Moskva, Metropole and National, contrive to supply dance music, but the people, except for the very young, are becoming more apathetic to it day by day. Restaurants and cafes close at 10:30 in the evening, theaters a few minutes later. The Moscow cocktail bar, unique in the Soviet Union, is still open though sparsely patronized, but the Moscow race track has been closed for the duration and the horses sent to the country to graze. At 11 p.m. it is everyone's desire to get home as quickly as possible lest curfew catch them on the street.



Soviet heroes include this happy-looking pilot who is credited with "spectacular victories" over the Germans.



Tractor Driver Menkov is celebrated for having repaired his tractor behind German lines, then come home.



Lieutenant Tolstor commands a crack anti-aircraft battery which claims to have downed 11 German bombers.



Captain Vyaznikov of the Soviet Air Force flies a plane already credited with shooting down four German planes.

WAR IN ENGLAND: ITS PEOPLE ENJOY A SUNNY MOMENT OF PEACE BETWEEN STORMS

The vast paean of the German campaign in Russia has for a few weeks stoked the war and its brutal effects away from the shores of England. It has momentarily quieted undomitable England produce the peaceful scenes shown here. They look as though there

were no war, had never been a war. For England has a genius for peace that stands it in good stead in wartime.

These pictures mean that free England is using this brief summer respite from bombings and threats of invasion to build morale and muscle. They do not mean

that England feels really safe or that it has relaxed its war effort. This is the calm in the vortex of the storm, bought at the frigid price of the holocaust in Russia. But during this false peace—bands are playing music in London parks, and trippers are going to the sea shore.



Little Walsingham, a village in Norfolk that shows no mark of bombs, where stuck between little monkeys that have been

retired from the job of pulling the fish cart of Walter Bush. Gasoline rationing has made a shaker over for expensive

The monkeys, Sam and Bill, regularly get a little turn—a free pulsion Bush's scuttle, The Lincoln, The Snoring and The Book



"Dancing Round the Bandstand" is an English custom nearly summer that not only had expected to revive this year. But af-

ter a June with only 400 bomb casualties, the bands play as usual in the parks in the first week in July. Here Londoners

dance in Brockwell Park in Herne Hill through the long summer twilight hours. Very few of the men wore their uniforms.



Sun-bathing is one of the basic pursuits of happiness that had been largely stopped by the war. But here along one of

the beaches of England, whose seashores are now lined with barbed-wire and pill-boxes against a possible Nazi invasion, the

young women of England with a few men in the background are now exposed only to the soft summer sun, not to Nazi bombers.

WAR IN CHINA: 4,000 CHUNGKING CIVILIANS SUFFOCATE IN AIR-RAID SHELTER

Japan's war against China is now in its fifth year. In death and destruction, it has been worse than the war in Europe. But because China is far away and its population enormous, this war's horrors are lost on Americans. Here is one recent civilian episode of that war.

On June 5, Japanese bombers sent 5,000 Chungking civilians into their biggest air-raid shelter, a mile-and-a-half long tunnel *below*. The bombers came and went. The people pushed their way out, saw the warning of another raid, started to push their way back in

Those outside pushed against those still coming out. The entrance gates were slammed shut. Then for the first time in Chungking black panic, most murderous of human emotions, swept the shelter. When the gates were opened, 4,000 were dead—see below and opposite page.



Fatal air-raid shelter, which can hold 30,000 Chungking citizens during bombings, is still being emptied of its dead 23 hours after the raid. Here people run out when they thought raid was over,

fought their way back when Japanese bombers returned. Gates slammed gates shut. The fighting men, panicky for air, struggled over one another's shoulders toward the exits. This is the scene



Bodies pile up (*left*) faster than trucks can carry them off to mass grave outside the city. It took two days to remove the dead, but the crowd in the background gaped with horror and pity throughout.



Heaped dead at top of stairway outside shelter, overlooking the Yangtze River and south shore of Chungking city, had torn off their own and one another's clothes in a blind frenzy of panic.



Husbands, wives and babies died together in the Chungking air-raid shelter, locked in for five hours of Japanese bombing. Here they lie as they were dumped. Removed from these bodies was

\$1,300,000 in Chinese money, 200 oz. in gold, some by looters. All through the neighborhood shops did not open following day, because the shopkeepers by the hundreds had died in this shelter.

LIFE ON THE NEWSFRONTS OF THE WORLD

The war gets tougher for U. S. draftees and civilians as anti-Nazi symbol sweeps Europe

The continued unhappy reluctance of a considerable number of the American people to face up to the deadly peril in which they now stand was again indicated last week. Against the urgent warnings of President Roosevelt and General Marshall, a considerable number of the people's representatives in Congress continued to insist that the draftees, National Guardsmen and Reserve officers who now comprise nearly two-thirds of the U. S. Army should be allowed to go home at the end of a year of training. For some of the Guardsmen that year will be up in a few weeks.

Certainly it would be pleasanter all around if they could go home. But cold, hard, bitter facts, pointed out by General Marshall to the Senate

Military Affairs Committee last week, interfere. One is that, except for two divisions, the units of the Army now contain 40% to 85% draftees. War efficiency now depends very largely on teamwork. The substitution of green rookies for 40% to 85% of their members would set U. S. Army teams back just about where they started a year before. In education for modern mechanized war, a soldier is hardly out of the kindergarten stage at the end of his first year of training. And if U. S. soldiers have to fight, they will go up against the most highly trained army in world history, composed of veterans whose training began in boyhood, progressed through labor battalions into an army which practiced constantly in maneuvers, and has now been perfected in nearly two years of actual war. The unkindest thing that America could do to its soldiers would be to send them half-trained against an outfit like that.

Many a Congressman argued that it would be a "breach of faith" with the draftees to keep them in training, since they were drafted with the understanding that they would serve only a year. But the Selective Service Act plainly says that that service may be extended "whenever Congress has declared that the national interest so imperiled."

"In the opinion of the War Department," said General Marshall last week, "such an emergency now exists."



HENDERSON

here and abroad brought little change in our ways of life. Those months were largely ones of tooling up for the production jobs ahead. Those were the honey-moon months—the golden months....

"It becomes my disagreeable duty to tell you that the party is over.... Next week, at my office in Washington, my staff will sit down with the makers

of oil burners, automobiles, metal furniture and household appliances to explore the future. I wish I could tell you that we had an easy solution, that everything is going to be all right. I can't promise you any such hope.... Manufacturers will be unable to get enough raw materials to satisfy demands.... Prices are going up."

Said OPM's Bill Knudsen in Los Angeles: "As long as we can get the defense job done, we'll try to keep everyone else happy, but if there isn't enough raw material for vacuum cleaners, for instance, we'll just have to get the old broom back out of the closet and use that."

The most illuminating remark of the week—one which would have been funny if it had not been so basically serious—was made by Secretary of the Treasury Morgenthau. He announced that he was extremely worried for fear the Government will not be able to spend as much money as it wants to this year. It wants to spend \$22,000,000,000, he explained, but unless the manufacture of civilian goods is cut, the U. S. industrial plant will produce only enough things to cost the Government about \$19,000,000,000.

What Japan Needs. The meaning of Japan's Cabinet shift last week was unclear to the rest of the world. That the Japanese themselves are notably unclear about what comes next in a world crumbling around their ears appeared in a statement by a columnist in Tokyo's *Hochi*. "What Japan needs," wrote he, "is a man who can see at least a year ahead."



HOPKINS

Shipping Losses. Last week the British Admiralty came up with the relatively good news that June shipping losses were 79 ships of 329,200 tons, lowest monthly mark since January. The figures, however, overlook ships damaged, and the rate of sinkings is still 4,000,000 tons a year.

For the present these losses are nearly irreplaceable. That they may not always be so was optimistically suggested last week by Harry Hopkins, American Lend-Lease administrator now in London, who had just been accorded the unprecedented privilege, for an American, of attending a British Cabinet meeting. Hopkins said that America is building 1,000,000 tons of shipping this year, 6,000,000 next, still more in 1943. Newsmen were amazed at the figures.

Last week the British also significantly estimated that Axis shipping losses for the war to date are 3,391,000 tons. In proportion to the tonnage available, this loss is greater than Britain's.

Blacklist. On July 17 President Roosevelt officially declared war on Germany and Italy. The war was not military but economic. It consisted of blacklisting no less than 1,800 businessmen and firms in Latin America who are believed to be helping Germany and Italy. The blacklist means that they can do no more business with the U. S. It also means that their funds now in the U. S.—considered prime sources of pay for propaganda and spying—are now "frozen."

Among the few familiar names on the list were Martini & Rossi (vermouth), Bata Shoe Co., Transocean News, Carl Zeiss (optical goods). Next day it was announced that the blacklist would be extended to other pro-Axis firms throughout the world.

PICTURE OF THE WEEK

"V" stands for victory. Where it started no one knew, but suddenly it was all over Europe. In the conquered countries people chalked it on walls, cut it out of paper, drew it on dusty automobiles. Men held up two spread fingers as they passed on the street. Almost overnight it became the simple, universal symbol of resistance to the German conquerors.

In most of the languages of Europe V means victory or something like it. To the French it stands for *Victoire*, to the Dutch for *Vrijheid* (freedom), to the



OPENING NOTES, BEETHOVEN'S SYMPHONY NO. V
Czechs for *Vitezstvi* (victory), to the Serbs for *Vitsevo* (freedom). The Norwegians know the English word Victory.

The symbol is doubly good because it is audible as well as visual. In the Morse code, V is three dots and a dash. Clerks tap it out with their pencils. Drummers beat it on their drums. Restaurant diners tap it on their glasses to call a waiter. Motorists toot it on their horns. Though V sprung up spontaneously on the Continent, its swift spread is the work of a talented new foreign speaker on the BBC, calling himself "Col. Britton." In one of his broadcasts Col. Britton called attention to the fact that the dot-dot-dot-dash rhythm forms the opening notes of Beethoven's Fifth Symphony and, according to the composer, symbolizes "fate knocking at the door."

Tales of the mystic symbol and mystic rhythm began to multiply. In one of the occupied countries a music hall presented a skit about a man with a wooden leg who is arrested for painting a V on his house. Brought before a judge, he solemnly promises never to repeat his sin. The curtain falls and the audience hears the man tapping offstage with his wooden leg: tap, tap, tap, TAP.

Recognizing a powerful new weapon in the war of nerves, the Germans sought to head off the movement by adopting it themselves. The Berlin radio explained that V stood for *Viktoria*, a German word which literally means victory but which is seldom used since the Germans prefer Sieg.

By this time, the V had reached the U. S. where women paraded with it at the sailing of the *West Point* (see p. 28). Meanwhile, brushing aside the German attempts to confuse the issue, Col. Britton plunged into the second stage of the campaign: to make V a symbol not merely of opposition but of active rebellion. Sunday, July 20, was designated "V-Day."



V IN NEW YORK



V for Victory



GUNS COULD BE SEEN POKING FROM FORE AND AFT DECKS AND LIFE RAFTS LINING THE SIDES AS THE GRIM GRAY "WEST POINT" (NEE "AMERICA") LEFT NEW YORK HARBOR.

The passengers on the *West Point*'s maiden Atlantic crossing were a glum lot. Romeo Montebello, ex-Italian consul in Cleveland, arrived jauntily with his Dalmatian (below, far left), and

a few others tried to put up a brave front. But most of the 46 EAs considered families stampeded grimly in their bunks as they ran the gauntlet of photographers and reporters outside the pier.



FINEST PASSENGER SHIP EVER BUILT IN AMERICA MAKES DISMAL MAIDEN CROSSING



BUILT FOR 1,200 PASSENGERS, IT WILL CARRY 3,000 TROOPS AS A TRANSPORT

Even friends and relatives come to say goodbye (far right) were barred from the heavily guarded pier. On its return voyage the *West Point* will bring home U. S. consular families similarly

It was ten minutes before noon on Aug. 31, 1939. Only 16 hours later Adolf Hitler was to send his bombers winging over Poland. But all was laughter, bands and bunting at Newport News, Va. where the biggest, finest passenger ship ever built in America lay waiting on its ways. Gay and proud, the crowd cheered happily as Mrs. Roosevelt cracked a bottle of champagne across its prow and cried "I christen thee *America*."

Built for the transatlantic trade to replace the old *Lerathian*, the *America* left a New York pier at 5:30 p. m. on July 15 to commence its maiden crossing. There was no cheering crowd. After a profitless ten months of Caribbean cruising, the gleaming, beautiful new passenger ship had been requisitioned by the U. S. Navy for use as a troop transport, rechristened *West Point*. Now, ugly and menacing, it was painted a drab war gray. Its fore and aft decks bristled with machine and 5-in. guns, and its grim sides were lined with life rafts. Inside the ship, luxurious furniture, rugs and paneling had been stripped away, its dining room filled with homely mess tables, its spacious lounges and most of its staterooms crowded with military bunks, its library turned into a latrine. Manned by 750 U. S. Navy blue-jackets, its passengers were no happy crowd of tourists, but 464 German and Italian consular staff members and their families, leaving America by request.



THIS IS THE "AMERICA" IN ITS CRUISING DAYS. THE SHIP COST \$17,000,000

ousted from Germany and Italy, plus 21 ambulance drivers captured in the sinking of the *Zambam*, plus two arrested American newsmen being exchanged for Germany's Zapp and Tonn.





NIGHT RAIDER WITH GILT MASK



SNOW PLOUGH OF RED FELT



SUMMER BOY IN Copley Red



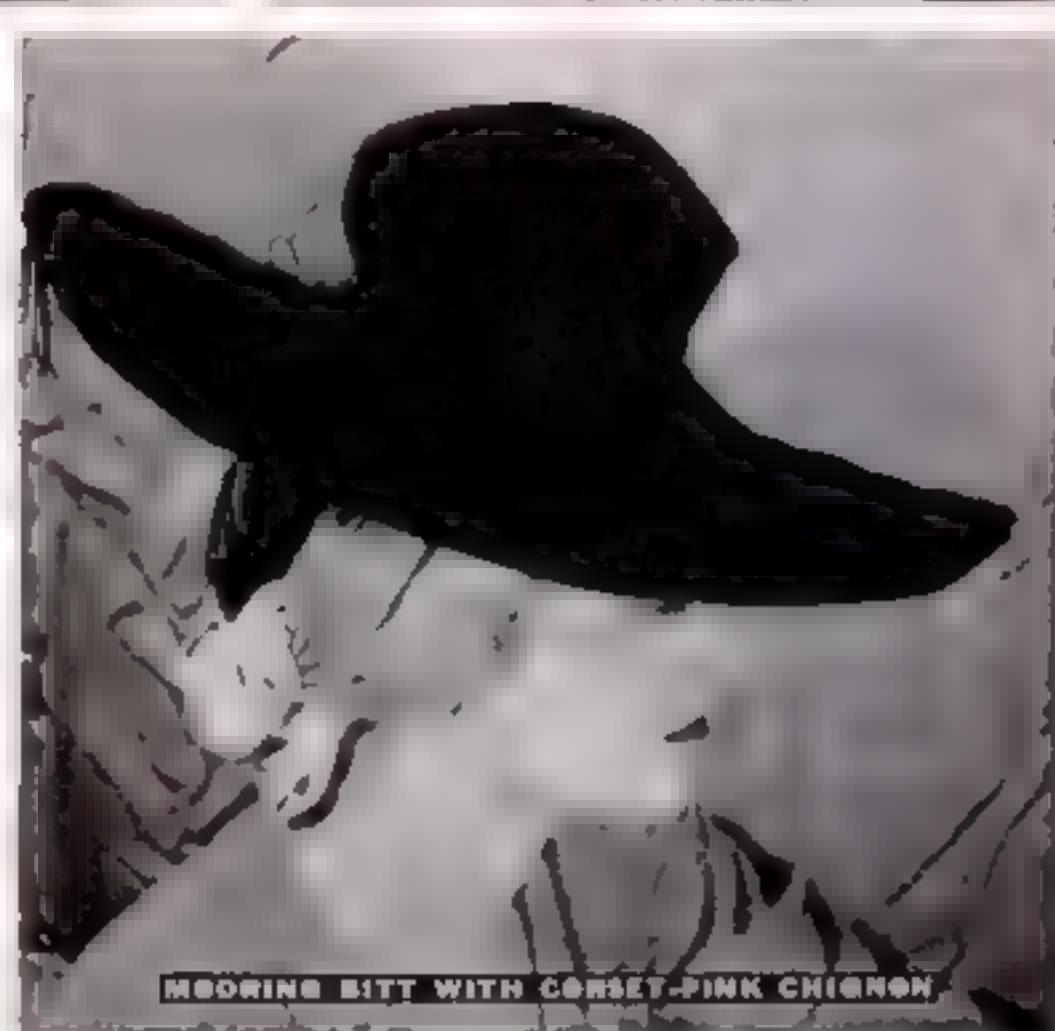
MILK PAIL OF WHITE FELT



ACCORDION TURBAN IN GOLDEN SHERRY



SWISS CHEESE IN WEBBING-RING GOLD



MOORING BITT WITH CORSET-PINK CHINON

THESE ARE NEW FALL HATS SHOWN BY N.Y. MILLINERS

Most of New York's leading milliners last week displayed to the press their newest creations for fall. Of the 15 shown on this page, nine bear the label of John Frederics, three of Sally Victor, three of Erik. These are top-ranking designers who never get less than—and frequently get double—\$15 for such little numbers, custom-made.

The hats shown on this page do not tell all. There

are others. Some have two silly brims instead of one. Some have brims as thick as the soles of platform shoes. One is made of metal mesh—the copper kind used for sink cleaning, with stringy feathers stuck in it. To add to the general daffiness, most of them have names, as though they were paintings or a new breakfast food. For the hats on this page, in cases where names were missing, LIFE supplied its own.



DOUBLE COSSACK OF ANGORA



TEA COZY CROCHETED IN BLACK



DIPSY-BOOBLE OF TWEED FELT



ICE BAG WITH PURPLE OSTRICH TRIM





JOE NEWTON

Coxswain

U.S.S. North Carolina

first of a new line of the most
formidable fighting ships afloat

In the Navy,
It's CHESTERFIELD

And wherever you go smokers
will tell you it's because Chesterfields are
Cooler, Milder and Definitely Better-Tasting.
Increase your smoking pleasure... Chesterfield's right
combination of the world's best cigarette tobaccos does
it for you. *Make Chesterfield your cigarette.*

EVERWHERE YOU GO *They Satisfy*



We bring you January in July!

NATURALLY, we can't bring you January weather. But we can offer you the next best thing: the refreshing January coolness of a Four-Roses-and-ice-and-soda!

Here's a highball that's super special—because the Four Roses you buy today . . . the 1941 Bottling of Four Roses . . . is the grandest whiskey we've made or known in the past 76 years!

Indeed, this 1941 Bottling is a whiskey so magnificent it would be sacrilege to thin it with ice and soda, were it not for the fact that it holds its gorgeous

flavor, even in the mildest highball, right down to the last luxuriant sip!

So, before this summer day is ended, won't you try this specific Bottling of Four Roses? And as you linger over its rich, amber-golden goodness, think back

Have you ever tasted any whiskey that boasted such magnificence . . . such soft and mellow perfection?

Four Roses is a blend of straight whiskies—90 proof. The straight whiskies in Four Roses are 5 years or more old. Frankfort Distilleries, Inc., Louisville & Baltimore

TRY THE 1941 BOTTLING OF FOUR ROSES

EVERY DROP IS 5 YEARS OR MORE OLD



54

JOE MAKES FAST GETAWAY TO FIRST TO BEAT OUT A SHORT HIT FOR 5TH GAME'S SAFE HIT AGAINST WHITE SOX. HIS GREATEST FEAR DURING STREAK WAS BEING WALKED

JOE DI MAGGIO'S HITTING STREAK ENDS AT 56 GAMES BUT YANKEES LEAD LEAGUE

Last week, as big-league baseball rounded the season's halfway mark, it looked to baseball fans like another "Subway Series." In the National League the bustling Brooklyn Dodgers, in need of some tightening up in their pitchers, were out in front of the Cardinals by three games. In the American League the rejuvenated Yankees, shaking off last year's inertia, clicked with their oldtime precision as they piled up a seven-game lead over Cleveland Indians.

Most responsible for the return of the Yankees to their production-line hitting was Joe DiMaggio. For

two months, starting May 15, DiMaggio had hit safely in every game, piling up 56 games in a row, to beat Willie Keeler's old major-league mark of 44. During his streak he hit 15 homers.

Last week 67,468 fans night baseball's largest crowd, jammed Cleveland's big Municipal Stadium to watch Joe try to stretch his hitting streak to 57 games. In the eighth, after grounding out twice and walking once, DiMaggio came to bat for the last time. Biting for a fast one, he hit into a double play, ended the greatest hitting spree of major-league baseball.



AL MILNER, CLEVELAND PITCHER, DUCKS AS DI MAGGIO'S RECORD-SETTING 56TH GAME HIT ROCKETS PAST HIM. MANY OF JOE'S HITS WERE MADE DURING HIS FIRST TIME UP

"SURE, AN ACTRESS CAN BE THIN-SKINNED!"

DOROTHY McGUIRE, whose "Claudia" is one of Broadway's current delights, tells how she cleanses her exceptionally delicate skin.



If your skin is the thin, dry, touchy kind, I can sympathize! When I went on the stage I expected to really suffer, getting off heavy make-up. Instead, the stage solved my cleansing problem, for it introduced me to Albolene Cleansing Cream."



"Watch me take off this make-up and you'll see why I call Albolene the answer to a thin-skinned girl's prayer. Just touch it to your skin and the cream turns to a lovely, soothing oil—without rubbing. You can be almost as gentle when you take it off. Not a bit of sting!"



"You're welcome to this tip about Albolene if it helps you solve your cleansing problem. Strictly speaking, Albolene is a 'professional' cream, but it's sold almost everywhere. I'm glad to find Albolene hasn't gone high-hat about price, now it's getting so popular!"



**Why you need ALBOLENE
a "professional"
Cleansing Cream**



If you use cosmetics—you have the problem of removing them. Why not profit from stage experience? Use Albolene Cleansing Cream for "professional" efficiency. So pure is Albolene, so gentle in its effect on the skin, that it is even used in many hospitals. Made and packaged without expensive "frills," Albolene costs little, goes far. McKesson & Robbins, Inc., Bridgeport, Conn.



Sports (continued)

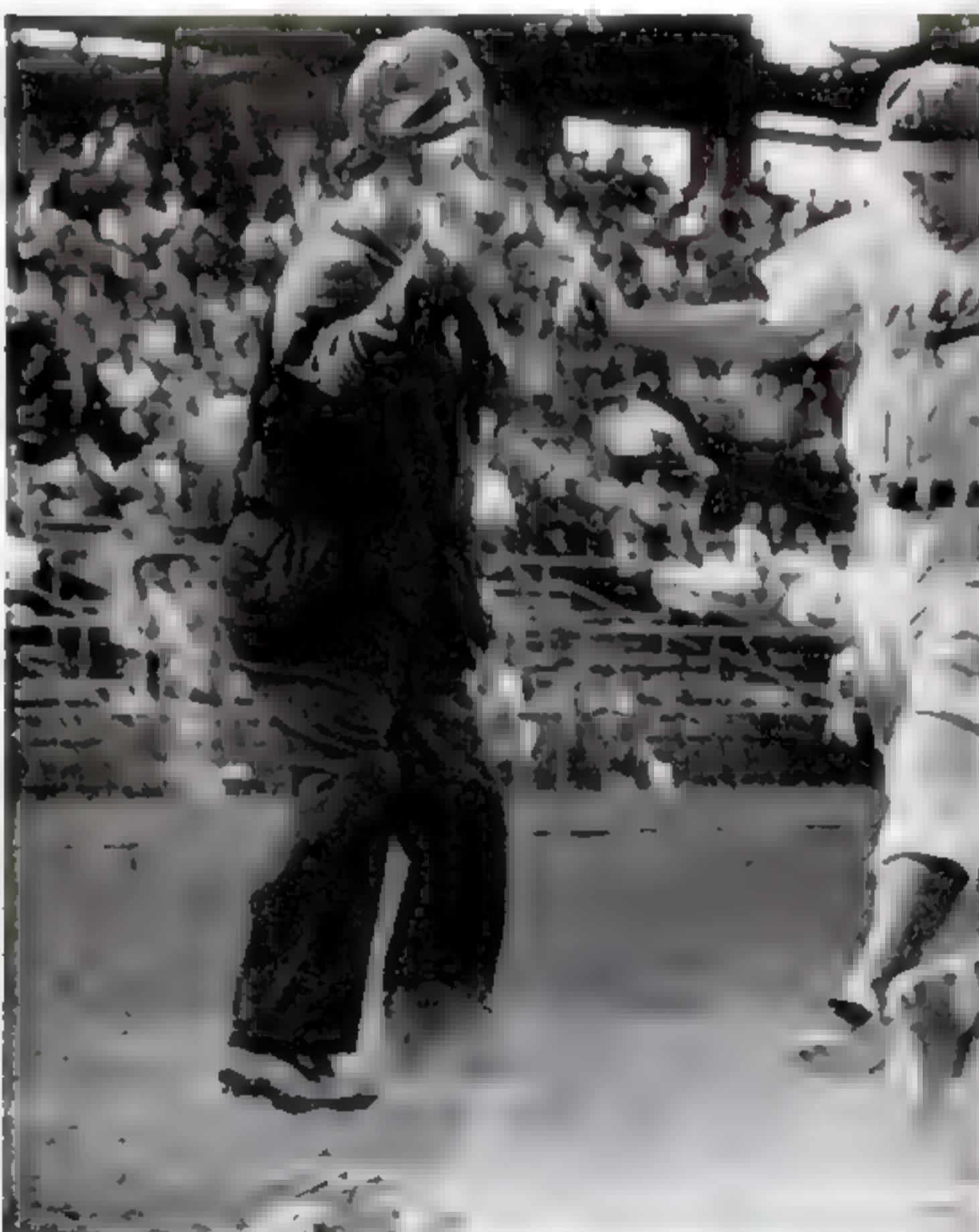


DUROCHER (1) IS SWAMPED BY DODGERS AS HE HEADS FOR DUGOUT AFTER

LEO DUROCHER, DODGER MANAGER, WINS BALL

Mainspring in the Dodgers' drive toward their first pennant in 20 years is the team's manager, peppery, loud-mouthed Leo Durocher. Long famed as a hustler on the field, he has lately stepped aside and run his team from the bench.

Last week, in a ninth inning 0-0 tie with the Cubs and with the Dodgers fighting to keep the league lead, the bases were loaded, Joe Medwick on third and Higbe, Dodger pitcher, next up. Duro-



Medwick crosses the plate with winning run. Though never a heavy



WINNING THE BALL GAME. MEDWICK (3) AND DUROCHER (3) CONGRATULATE HIM

GAME WITH A NINTH INNING PINCH-HIT BUNT

cher, couching at third, grabbed up a bat and put himself in as pinch hitter. He also put himself on a spot. A hero if he hit, he would have been labeled an egoist if he failed.

At the plate, Leo waited out the first pitch. Then, as Medwick charged toward the plate from third, Durocher bunted, dropping the ball in front of the pitcher. As Medwick scored, Verne Olsen, the Cub pitcher, disgustedly tossed the ball over the grandstand.



HITTER, DUROCHER HAS ALWAYS BEEN A DANGEROUS ONE IN THE CLUTCH

CONTINUED ON NEXT PAGE



Too many cooks spoil the breath—with their highly seasoned concoctions. That's why so many folks carry a pack of breath-taking PEP-O-MINT LIFE SAVERS. They sweeten your breath, aid digestion, and taste swell!



Five different flavors, ladies and gents! A handful of dee-licious, dee-lightful fruit flavors in each and every pack. FIVE-FLAVOR LIFE SAVERS—wild cherry, orange, lemon, lime, pineapple.



Cool and fresh as a spanking breeze on an August day—that's how your mouth feels when you treat it to a cooling COLA LIFE SAVER. Get a pack, matey—today.



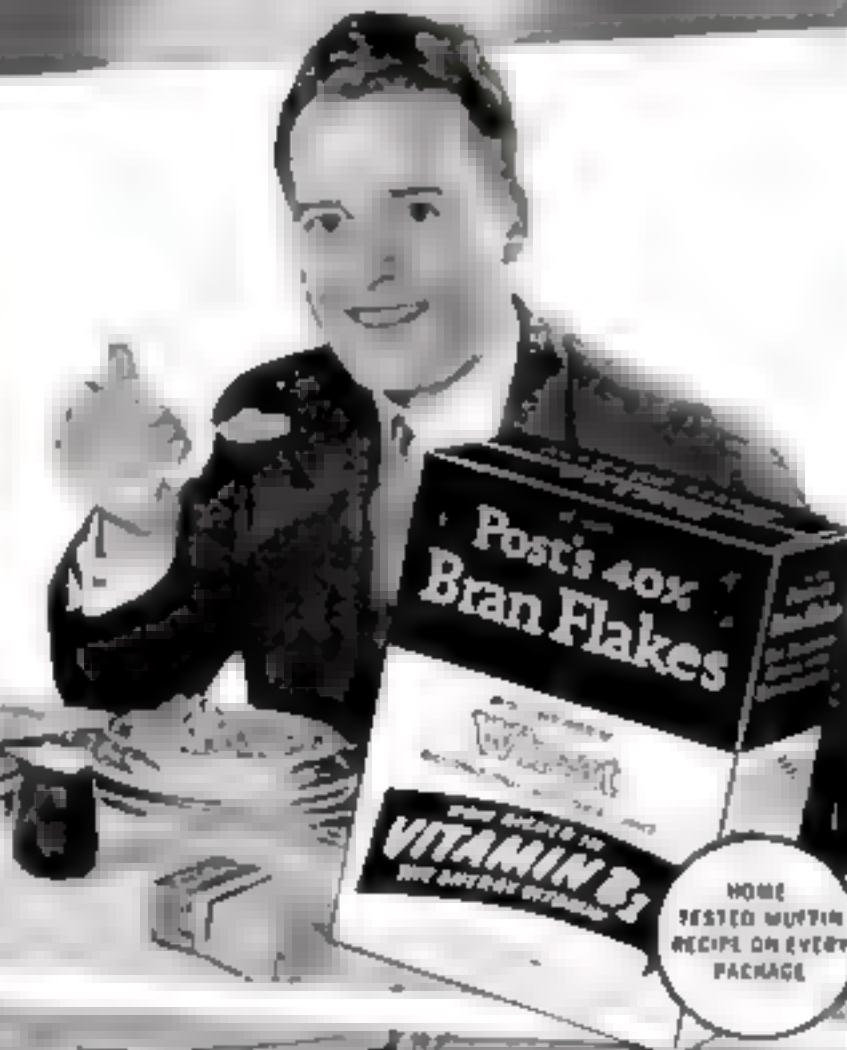
Everybody's breath offends sometimes after eating, drinking, or smoking. Let LIFE SAVERS save yours. Choice of 14 delicious mint and fruit flavors. Sold everywhere, 5¢.

"LIFE'S A LARK WHEN YOU'VE GOT THAT SPARK"



→ MARY MULLEN, featured dancer in one of America's best-known night clubs, says: "My friends wonder how I do it . . . dancing 4 shows a night, and then swimming or playing tennis the next day. Well, for one thing, I'm extra careful about my diet. For breakfast, and often as a late snack, I eat a big bowlful of Post's Bran Flakes. They're marvelous-tasting . . . mighty nourishing, too. It's swell that Post's Bran Flakes have got a lot of Vitamin B₁ in 'em. They help give me just loads of energy!"

DR. FRANK M. ATKINS, prominent dentist, says: "Good, wholesome foods, like Post's Bran Flakes with milk, containing vitamins, phosphorus, and iron are highly essential for strong teeth and bones. That's one reason why I enjoy a bowlful of Post's Bran Flakes regularly. Another is because they help give me the bulk I need to prevent constipation . . . keep me feeling tip-top. As for taste . . . well, no other cereal can touch Post's Bran Flakes' swell flavor!"



→ FLORENCE BARRY, attractive and efficient American Airline's Stewardess, says: "Eating breakfast while you're flying a mile-high in the sky is a real thrill! But it's doubly exciting when you can enjoy your favorite breakfast dish, too. You see, we give passengers their choice of many cold cereals, and I've noticed that Post's Bran Flakes are a big favorite. Folks rave about their crispness . . . and that grand nut-like flavor. That's why Post's Bran Flakes ring the bell with me, too!"



Are you getting the three extra benefits found in Post's 40% Bran Flakes?

- 1. **YOUR DAILY BULK—** Eaten every day as a cereal or in muffins, Post's 40% Bran Flakes provide you with bran, a natural regulator, to help protect against sluggishness due to lack of bulk in your daily diet.
- 2. **VALUABLE FOOD ESSENTIALS.** Post's Bran Flakes, made with choice parts of sun-ripened wheat, supply you with phosphorus for the

teeth and bones . . . iron for the blood . . . and Vitamin G!

- 3. **VITAMIN B₁ GENEROUSLY ADDED.** You need Vitamin B₁ every day. Yet most modern diets do not contain enough of it. A one-ounce serving of Post's Bran Flakes with milk gives you, on the average, up to 1/4 of your minimum daily need, a third extra benefit at no extra cost. Ask your grocer for Post's Bran Flakes today!

RADIO HIT! "Postie Faces Life," Monday thru Friday, NBC Red Network.
See your newspaper for time and station.

A Post Cereal made by General Foods

♪ LIFE IS SWELL ♪ WHEN YOU KEEP WELL ♪

Sports (continued)

ROOKIE RIDDLE HAS ELEVEN WINS, NO LOSSES

Baseball's greatest pitching surprise is Elmer Riddle of the Cincinnati Reds. Starting the season with only three big-league games to his credit, Riddle has yet to lose a game this year, has been largely responsible for keeping the slumping Reds in the first division. Last week, in a night game at New York's Polo Grounds, Riddle ran his amazing string up to eleven games straight.

While sports pages blazed with the week's feats in baseball, one recent hero went without mention. Winner of the All-Star game a fortnight ago, with a tremendous three-run ninth-inning homer, Ted Williams of Red Sox remained on the sidelines with a bad leg.



Riddle's control is amazing. He has a good fast ball, a good curve and change of pace. Best of all he is cool on the mound and refuses to be ruffled by the big-name hitters.

CROSLEY

Presents

The Rainbow of Sound



A Double
Engineering Achievement

TO REDOUBLE YOUR ENJOYMENT OF RADIO
AND RECORDING!

HEAPING THRILL on thrill, this year's Crosley Radio and Phonograph Combinations bring you two startling advances in engineering and invention. Crosley pioneers again!

FIRST—The Master Tone-Control! It's like sitting at the studio controls—blending and amplifying at will! Producing beauties and varieties of tone, overtones and accents of color! Getting more than ever before from a radio—bringing in and taking out Highs, Mediums and Lows—your own interpretation!

AND NOW ANNOUNCING
A NEW SENSATIONAL
CROSLEY INVENTION
**"THE 'FLOATING' JEWEL"
TONE SYSTEM**
(PATENT APPLIED FOR)

GOOD-BYE,
NEEDLE SCRATCH!
NO MORE
NEEDLE CHANGING!

Greatest invention for phonographs since the record-changer! Exclusive with Crosley!

"WHAT great improvement in phonographs do you want most?" people were asked... "Take away needle scratch!" they exclaimed.

Hear the new Crosley Radio-Phonograph Combinations and you will find that—even at low volume you hear no needle scratch nor chatter nor hiss.

By a totally new and revolutionary principle, surface scratch and hissing are conquered.

Gone are the old scratchy sounds! Clarity is no longer obscured. Surface noises no longer smother soft passages. Even the quietest instruments are heard!

Hear new recordings with a fullness and beauty that will amaze you! Rediscover the charm of your older records no matter how many times they have been played!

You can play your favorite records night after night for years—without damaging their quality. You can forget needle-changing!

Why, the touch of this new arm is so light that even if you scrape it across your newest record, no danger will result!

THE RAINBOW OF SOUND is a new experience in radio—a new thrill, which you get only from Crosley!

Hear it, see the new giant dial, try it with your own fingers—wherever Crosley 1942 Glamor-Tone Radios are sold. Today!

Model 02CA. The ultimate in an inexpensive radio. Five tones more pick-up. More than 60 tone variations by merely pressing the buttons of the exclusive Crosley Master Tone-Control A 10-Tube AC Superheterodyne with 12-Tube performance. 3 complete bands and many other features found only in higher-priced sets. The lustrous, lovely cabinet is further enhanced by a large, clear-vision dial and handsome escutcheon.

Model 02TD. Radio's greatest value in a **THREE BAND SET**. This is more than the usual two band set. Complete reception from 19 Meter through 49 Meter Band. A 5-Tube AC-DC Superheterodyne with beam power output, automatic sensitivity control and many other desirable features. The big full-view dial illustrated is completely illuminated and the cabinet is of genuine brown-mottled bakelite.

CROSLEY
*Glamor-Tone Radios
and Phonograph Combinations*
THE CROSLEY CORPORATION, FREDERICK CROSLEY, JR., Pres., CINCINNATI, OHIO
HOME OF WLW, "THE NATION'S STATION"—70 ON YOUR DIAL

MEAT and the Summer Diet



The balanced meal, the appetizing meal, the "square" meal, is just as necessary, whether the temperature is 100° above or 10° below.

(Meat Illustrated—ROUND STEAK—A thrifty, quick-to-prepare centerpiece for summer dinner and lunch.)

WHETHER you sit in the summer shade or by a winter fire, whether you swim in a pool or skate on the ice, the protein, vitamin and mineral requirements of the body vary but little.

If you're "not hungry" your diet may be deficient in the appetite-promoting vitamin B₁ (thiamine).

Here are a few basic reasons why meat is receiving more attention as the centerpiece of summer meals:

Meat is an excellent source of complete, high quality proteins.

Meat is a good, natural source of important B vitamins, not only vitamin B₁,

but also riboflavin (vitamin B₂) and the anti-pellagra vitamin.

Meat contains certain essential minerals, particularly iron, copper and phosphorus.

Remember, many of these food essentials (proteins, vitamins, minerals) are not stored in the body to any extent—must be supplied daily in the food you eat.

Meat is 96 to 98% digestible—all meat—beef, pork, lamb, veal, ham, bacon and other smoked meats.

There are many thrifty meats to serve, hot or cold. You can easily make them a regular feature of your summer menus. Your meat-man will advise you.

AMERICAN MEAT INSTITUTE • CHICAGO

The human body is the same machine summer or winter

There is little variation in nutritional requirements because of the changing seasons. Actually you need the same amount of proteins, the same B vitamins and minerals in summer. Your caloric requirements naturally depend on your heightened or lessened seasonal activity.



This Seal means that all statements made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.





RUTH SHAW MAKES DESERT FOLIAGE WITH HER FINGERTIPS



CACTUS BLOSSOMS UNDER THE TAPPING HEEL OF HER HAND



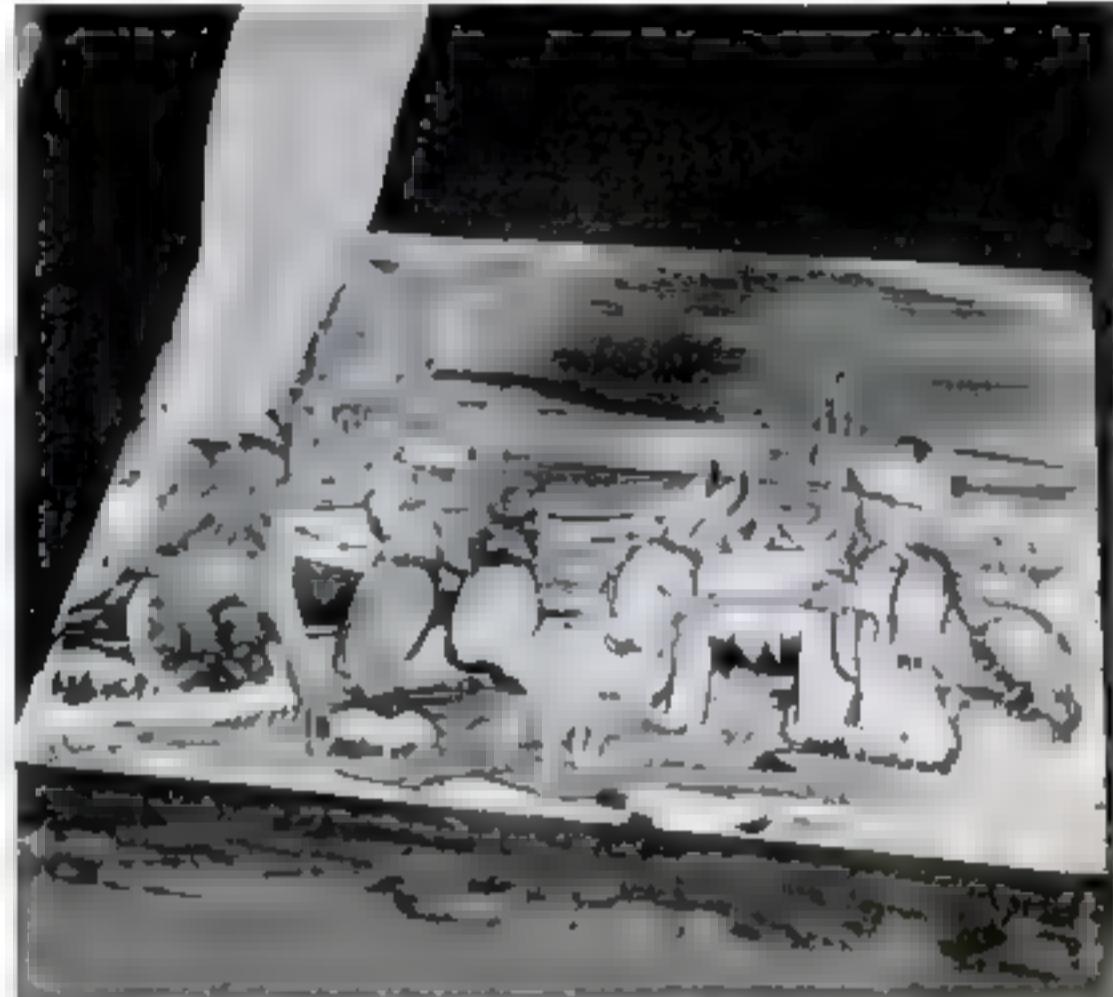
A ROAD IS MADE WITH A ZIGZAG SWEEP OF SIDE OF HAND



FINGERS AND THUMB PRODUCE PAIR OF MEXICAN PAISANOS



DONKEY DRIVER GETS FINISHING TOUCH ON HIS SOMBRERO



BACK OF FINGERNAIL CREATES SPEARS OF DESERT GRASS



Finished painting is a gay Mexican scene, done by Ruth Shaw in 3 min. A North Carolina Miss Shaw went abroad

with Y. M. C. A. in 1918, ran a famed progressive school in Rome, lectured in Paris and London, returned to U. S. in 1932.

FINGER PAINTING

**RUTH FAISON SHAW, AN EXPERT,
SHOWS HOW IT SHOULD BE DONE**

Finger painting is almost as easy as making mudpies and much more interesting. In the last few years it has been widely taught by schools and kindergartens. Ruth Faiston Shaw, who introduced finger paints to modern education, here shows LIFE readers how to use them to get startlingly beautiful results.

A finger-painting beginner needs only paints, paper, water and a flat surface to work on. A set of Shaw Finger Paints, including six cans of paint and other necessities, costs \$2.20. The paints are non-poisonous and wash off skin, clothing and furniture.

Finger painters dump a blob of paint on wet paper, smear it evenly over the surface, then improvise designs with fingers, fists and palms. For color shadings the paints are pre-mixed or, as long as paint is wet, are run together while painting. Blue is swept into red with the forearm for a purple sunset, black spots are flecked on a yellow leopard with fingernail.

Children usually paint beautiful, exotic flowers, animals and landscapes in their first attempt. Adults can have fun at finger painting but generally have too much to unlearn first, don't do as well as children.

"The Tougher They Come..."



J. RICHARD ROCKJAW is a man of determined purpose. "When you get into a difficulty, take the short way out," says he. And he praises to his weaker half the merits of "a good strong purge."



BUT THE WEAKER HALF has ideas too. "You and your caveman cures! Give old constipation a right to the jaw," says you. Did it ever occur to you to get at the cause and correct it?"

"FOR INSTANCE, my dear?"

"For instance, this crisp, toasty, delicious cereal, KELLOGG'S ALL-BRAN. It has just what it takes to get at the cause of constipation due to lack of proper 'bulk' in the diet."



"SAY! WHAT DO YOU KNOW? Darn it, it does taste good! If ALL-BRAN can make you 'Join the Regulars,' make way for a place in the front rank!"

"Not so fast, my bold one," says she. "It takes a little time. You must eat ALL-BRAN every morning, and drink plenty of water."

**Join the "Regulars" with
Kellogg's All-Bran**

MADE BY KELLOGG'S IN BATTLE CREEK

COPYRIGHT, 1941, BY KELLOGG COMPANY

Finger painting (continued)



Wetting the paper is the first step in good finger painting. It helps the paint spread evenly. The sheet is 16 in. by 22 in., specially glazed on one side, plain on the other.



Most exciting moment for beginners is chance to squish open palm right into paint and smear away. In itself, this action seems to release a number of inhibitions.



Bracing her body to get a free rhythmical swing, Miss Shaw smears paint in smooth circles with her whole forearm. Balance of the design will follow balance of painter.



A mass of concentric whorls is made with a movement of whole hand and forearm. Most important rule of finger painting is always to use as much of body as possible.



Fingertips are used to get this linear effect. The alternating spiral pattern was made with the side of the hand. Note smoky appearance of unfinished part of painting.



Weird underwater flowers wave gently in this impromptu painting. Finger painting offers many clues to psychologists, but amateur interpretations are discouraged.



Bunnies get carrots made with a zigzag rubbing of fingertips in another Shaw painting. Tree leaves were produced by heel of hand, rolling hills by use of the forearm.

CONTINUED ON NEXT PAGE



TRY THIS AMAZING NEW CLEANER



FASTER, EASIER, AND MAKES CARS EXQUISITELY BEAUTIFUL!

Motorists everywhere are talking about the remarkable new Liquid Simoniz Kleener. They say, "It works like magic on any car. There's nothing else so fast, so easy to use, or makes the finish so gloriously beautiful." Of course, the world-famous Simoniz Kleener also comes in paste form. But, if you like a liquid for cleaning the finish, the new Liquid Simoniz Kleener is just what you've been hoping for. See for yourself! Get Liquid Simoniz Kleener today. It's wonderful for quick "shine-up." And then, to preserve the finish and keep your car beautiful, apply Simoniz!

THE SIMONIZ COMPANY, CHICAGO, U.S.A.

MOTORISTS WISE

SIMONIZ

Insist on Simoniz and
Simoniz Kleener for your
car! Sold everywhere—
at hardware, drug, grocery,
and auto supply stores,
filling stations,
and garages.

Two jumps ahead!



Blackie:

"Don't look now, Whitey, but I think we're being followed!"

Whitey:

"Don't worry, Blackie, we'll always be a couple of jumps ahead!"

• Ahead indeed! For Black & White has Character. That's what puts it ahead with magnificent flavor...and ahead with rare bouquet. So if you want to put your enjoyment two jumps ahead—be sure to ask for Black & White.



"BLACK & WHITE"
The Scotch with Character
BLENDED SCOTCH WHISKY • 86.8 PROOF

COPYRIGHT 1941, THE FLEISCHMANN DISTILLING CORPORATION, NEW YORK, N. Y., SOLE DISTRIBUTORS

Finger painting (continued)

HOLLYWOOD SHOWS HOW NOT TO FINGER PAINT



Hollywood finger painting party given by Starlet Peggy Diggins begins all wrong with painters off-balance all over patio, dry paper, paint not smeared but daubed on.



Georgia Carroll made a typical mess of her finger-painting experiment. Even Milo Anderson, crack Warner Bros. dress designer (in fancy coat in top picture), was a flop.

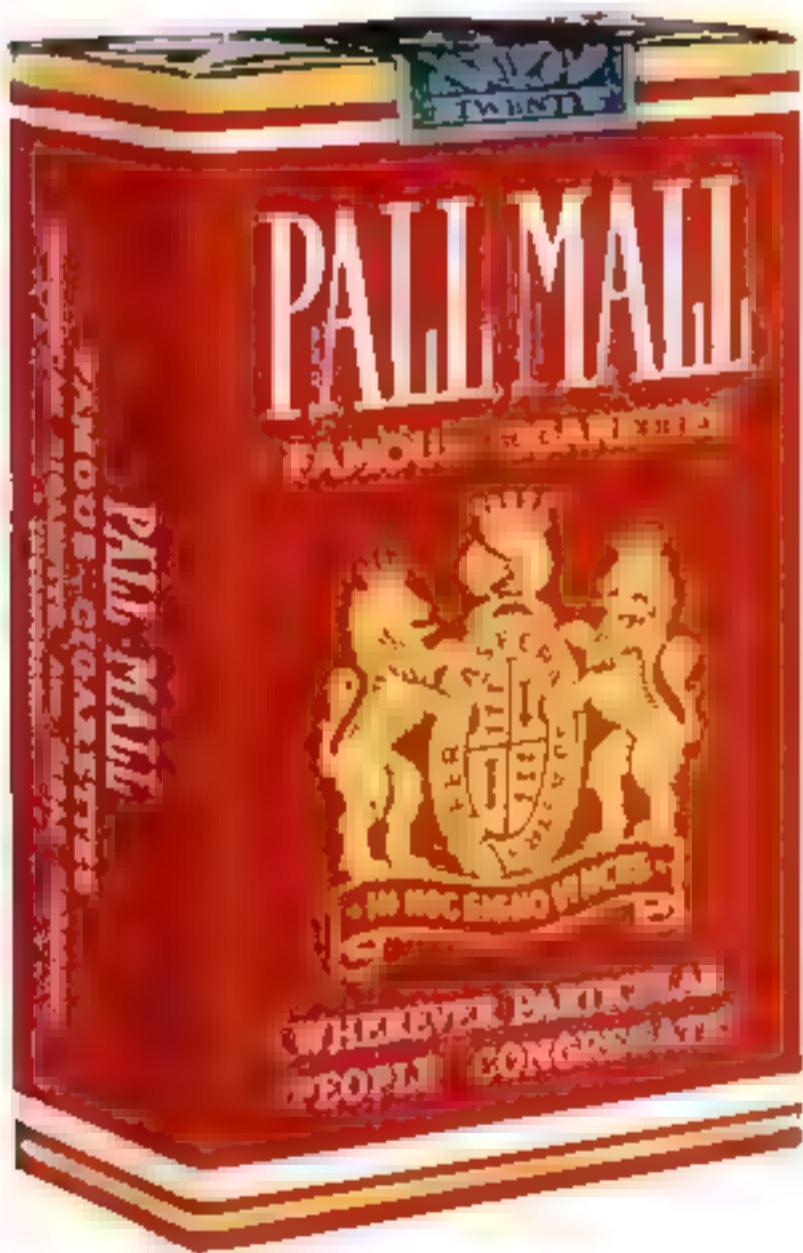


End of the party brought out these corny examples of Hollywood art. Psychologists say it is natural for adults to draw mostly faces of the sex opposite from their own.



In cigarettes, as in naval patrol planes, it's modern design that makes the big difference!

"You'll like Pall Mall's modern design— it filters the smoke—lessens throat irritation!"



• Modern Design!...That's the keynote as national defense moves ahead on land, sea and in the air. For instance, modern design makes the big difference in today's streamlined naval patrol planes—a vital difference when lives are at stake.

Talk with the men who fly these planes. They'll tell you that in cigarettes, as in naval patrol planes, it's modern design that makes the big difference.

Pall Mall's modern design marks the greatest forward step in smoking pleasure in thirty years. For this streamlined cigarette is deliberately designed to give you a smoother, less irritating smoke. It is a scientific fact that tobacco is its own nat-

ural filter. In Pall Mall the smoke is measurably filtered—filtered naturally over a 20% longer route of Pall Mall's traditionally fine tobaccos.

Pall Mall's modern design also means a definitely cooler smoke. The additional length travels the smoke further—gets rid of heat and bite on the way.

Now, at last—thanks to modern design—a truly fine cigarette provides in fact what other cigarettes claim in theory—a smoother, less irritating smoke—Pall Mall.

Prove it! Yourself, try Pall Mall critically. "You'll like Pall Mall's Modern Design—it filters the smoke—lessens throat irritation!"

"WHEREVER PARTICULAR PEOPLE CONGREGATE"

OF TRADITIONALLY FINE TOBACCOES

Copyright 1941 American Cigarette and Cigar Co.



New Mildness!

NEW "VELVET"

-NOW BETTER THAN EVER



New Richer Lather!!

SUDS' IVORY SOAP!

FOR COMPLEXION . . . BATH . . . DISHES!



**NOW COMPARE NEW "VELVET-SUDS" IVORY
WITH OTHER SOAPS AT ANY PRICE!**

COMPARE IT FOR COMPLEXION

It's Milder!

- kinder to skin—proved in tests against 10 leading toilet soaps.
- it has the famous Ivory mildness which for years has led doctors everywhere to advise Ivory for baby and adult skin.

COMPARE IT FOR BATH

Richer, Creamier Lather!

- it's quicker-sudsing than leading bath soaps.
- it gives more suds per cake.
- it's kinder to your skin, of course.

COMPARE IT FOR DISHES

Quicker, Easier Suds than ever!

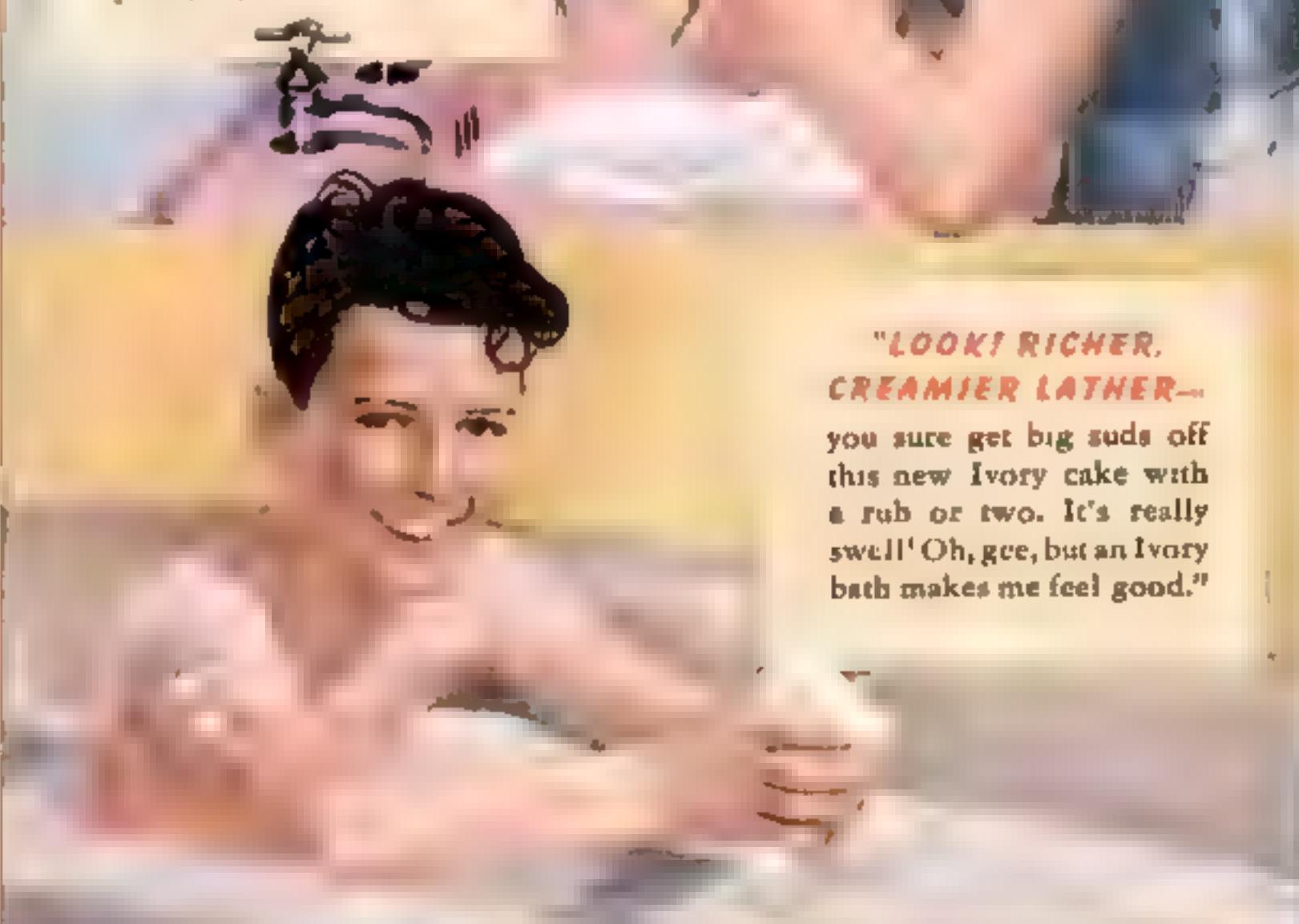
- its rich suds clean greasiest dishes as fast as strong soaps.
- it costs less for your dishes than leading granulated soaps.
- it's much kinder to your hands, of course.

And $\frac{1}{3}$ More Suds in Hard Water than ever!

NOW BETTER THAN EVER FOR EVERYTHING!

"IT'S MILDERS!"

You'll love this creamier, gentler lather when you feel it on your cheek. Yes, you'll find New "Velvet-Suds" Ivory is actually *milder now than ever before*. It will give you even lovelier complexion care!"



"LOOK! RICHER, CREAMIER LATHER—

you sure get big suds off this new Ivory cake with a rub or two. It's really swell! Oh, gee, but an Ivory bath makes me feel good."

"QUICKER, EASIER SUDS IN HARD WATER!"

Imagine—now I get a third more suds! And these extra gentle suds are so kind to my hands. Yet they clean the greasiest platters just as fast as my strong washday soap."

99 1/2% PURE . . . IT FLOATS

Something a "tourist" appreciates



REGISTERED

REST
ROOM

A TEXACO DEALER SERVICE

Whether you're a little "tourist," or a grown-up tourist there are times when nothing is so welcome as the familiar green and white sign of a Texaco Registered Rest Room.

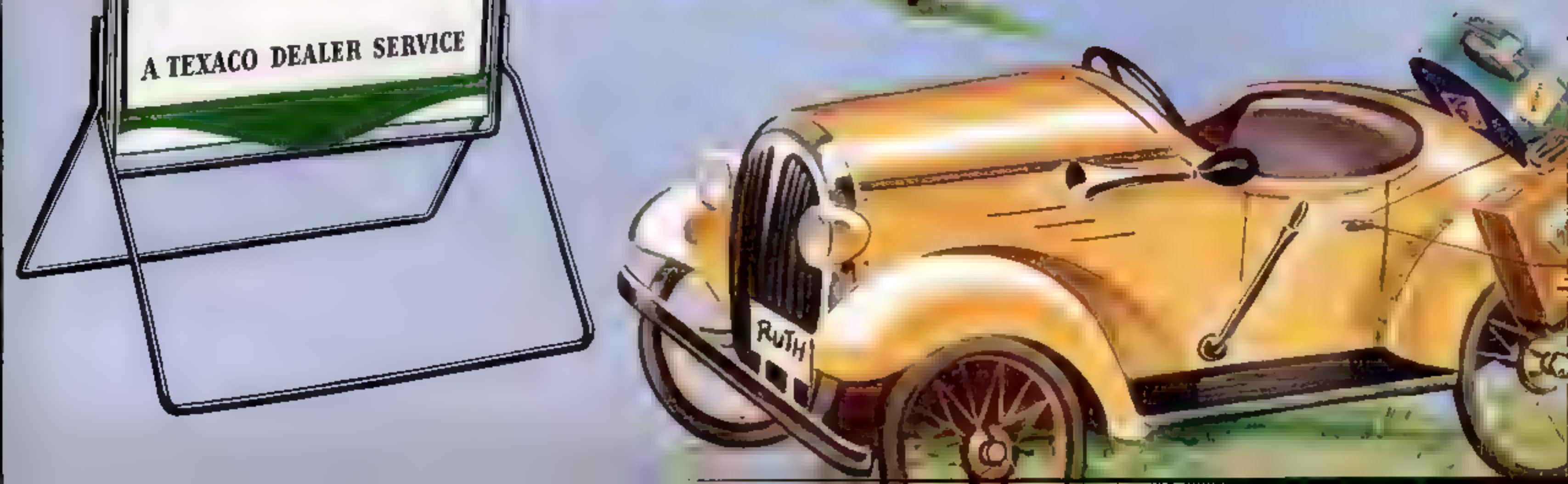
You can trust that sign. You know that it means, "Here is a rest room scrupulously neat. A rest room equipped with running water, towels and all the necessities for comfort and cleanliness."

Back of that spic-and-span cleanliness is the Texaco Dealer's pledge. And back of that pledge is the watchfulness of the "White Patrol"... inspection cars that constantly check each of the Registered Rest Rooms.

And, where you see the Registered Rest Room sign, you'll also find those two great gasolines, the famous Texaco Fire-Chief and SKY CHIEF the luxury motor fuel... and Insulated Havoline and Texaco Motor Oils. For your own comfort, for your motor's welfare... stop at the sign of the Texaco Star!

You're Welcome AT
TEXACO DEALERS

TUNE IN All Star Radio Program every Wednesday night, CBS,
9:00 EDT, 8:00 EST, 8:00 CDT, 7:00 CST, 6:00 MST, 5:00 PST





IN THIS AIRPLANE VIEW YOU SEE THE BIG SHOW TENT WITH TUBES ON TOP FOR AIR CONDITIONING. BEYOND IS ANIMAL TENT AND SIDESHOW. AT LEFT IS THE HORSE TENT

THE CIRCUS

ACROSS THE CONTINENT 25 OF THEM ARE ROLLING
THIS SUMMER, DOING A "STRAW HOUSE" BUSINESS



Circus crowds at New Bedford, Mass., gape at the sideshow (left) as they jostle toward the main entrance into the big menagerie tent of Ringling Brothers and Barnum & Bailey's show

On July 4, when the picture above was shot at New Bedford, Mass., it was too rainy for firecrackers. But here you see another U. S. institution carrying on. It is Ringling Brothers and Barnum & Bailey's circus paying to a "straw house," which means that all its 10,000 seats are sold, and straw is spread on the ground where 2,000 extra people are sitting in hayloft luxury.

Peak of the circus season is July. Rolling across the U. S., there are now only 25 circuses, whereas 25 years ago there were 75. But this summer business is fine. To date the Ringling show, far mightier than its rivals, has had its best season in ten years and played to straw houses most of the time. Next week from Chicago it begins its most important lap, heading through Missouri, Kansas, California and Texas, winding up in Florida by mid November.

Tooted for its "Cascades of Color, Beauty and Splendor," Ringling's newest feature is a Mother Goose spectacle handsomely designed by Norman Bel Geddes. Also new are 26 pretty girl acrobats. But in general the circus has triumphantly resisted the conspiracy to streamline it. To transport daily by four trains 1,000 people, 41 tents and 500 wild animals is still a rough, tough and dusty job. And still the show's claim to fame is that it offers the world's greatest troupes of animal trainers and gymnasts doing things you just can't believe.

Two years ago the circus disposed of its 700 work horses, replaced them with tractors. But this summer in Lexington, Ky., the tractors got mired in deep mud and the big top had to be hauled up mainly by elephants. In Philadelphia, Lion Tamer Frederic Olsen got badly chewed in the arm. In Youngstown, Gargantua, the gorilla, discovered he could discourage photographers by regurgitating his dinner into his hand and flinging it into their cameras. In Cincinnati a lady aerialist who paddled her bosom lost one pad while somersaulting over the audience. In New Bedford five girls in the bird ballet fell shrieking to the ground when their trapeze collapsed. None was badly hurt. In Waterbury a performing dog buried a bone under the ticket wagon and tried all next day to dig it up under the same wagon at New Haven. In Albany two lions, Porthos and Artiste, escaped one morning when their cage jolted open, but instead of dashing for freedom they rolled delightedly on the dewy grass until they were recaptured. In Utica, Trilby, an elephant, demolished a popcorn wagon out of sheer love for popcorn.

On the next pages LIFE takes you into the big top to see the headline acts.

The Circus (Continued)

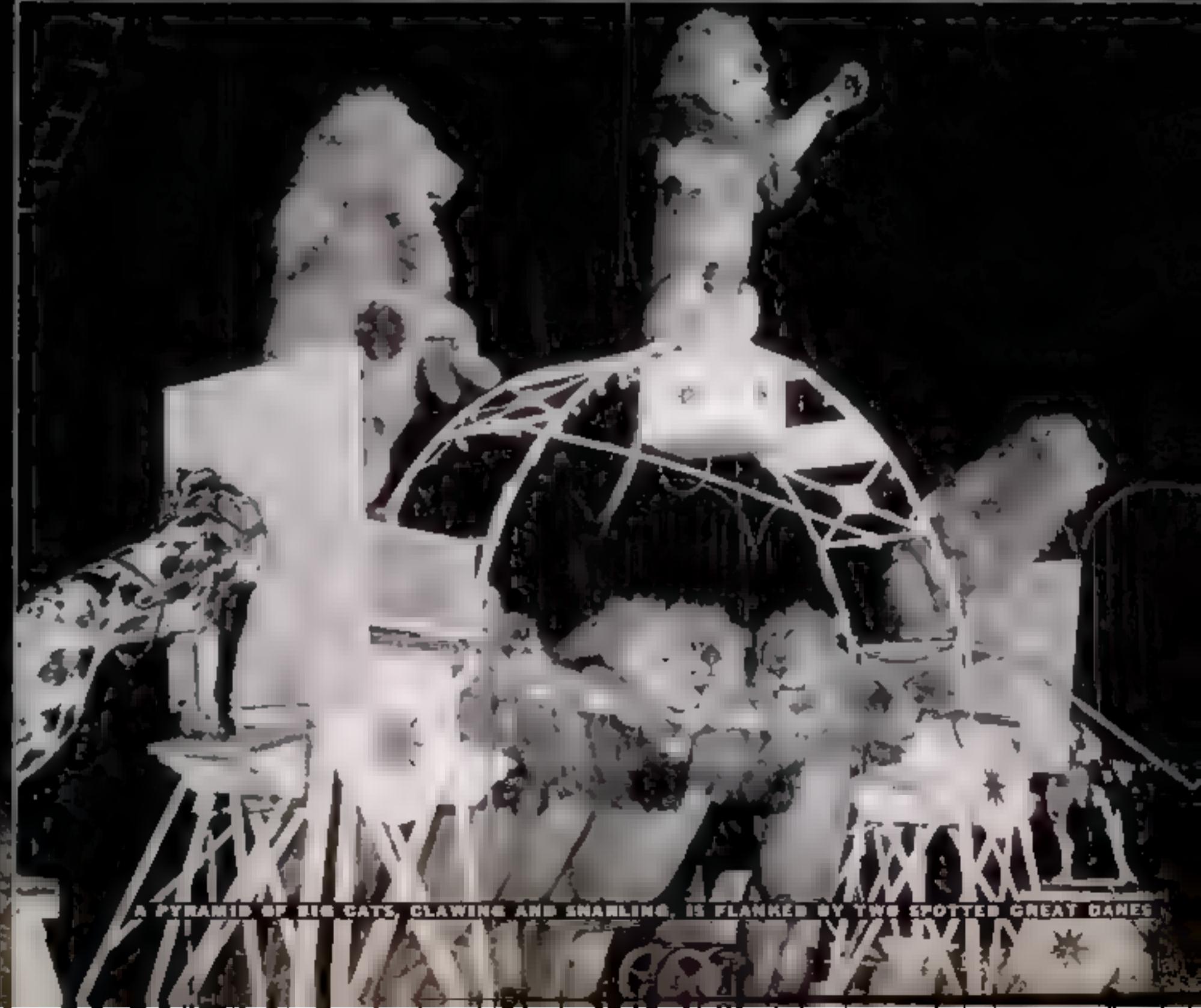
STAR ACTS



ON HIGH UNICYCLE, HANNY SHYRETTA HANGS ONTO NOTHING BUT HER LEGS



36 ELEPHANTS STAND ON THEIR HIND LEGS FOR ONE GIRL IN NEW YORK'S MADISON SQUARE GARDEN.



A PYRAMID OF BIG CATS, CLAWING AND SNARLING, IS FLANKED BY TWO SPOTTED GREAT DANES



ELEPHANTS HAVE VERY SENSITIVE FEET. THEY ARE TRAINED BY RAPPING THEM ON THE TOES



FOUR OF THE CRISTIANS BROTHERS LEAP SIMULTANEOUSLY ONTO THE BARE BACK OF A GALLOPING HORSE



TRUZZI IS WORLD'S ACE JUGGLER

Continued on next page

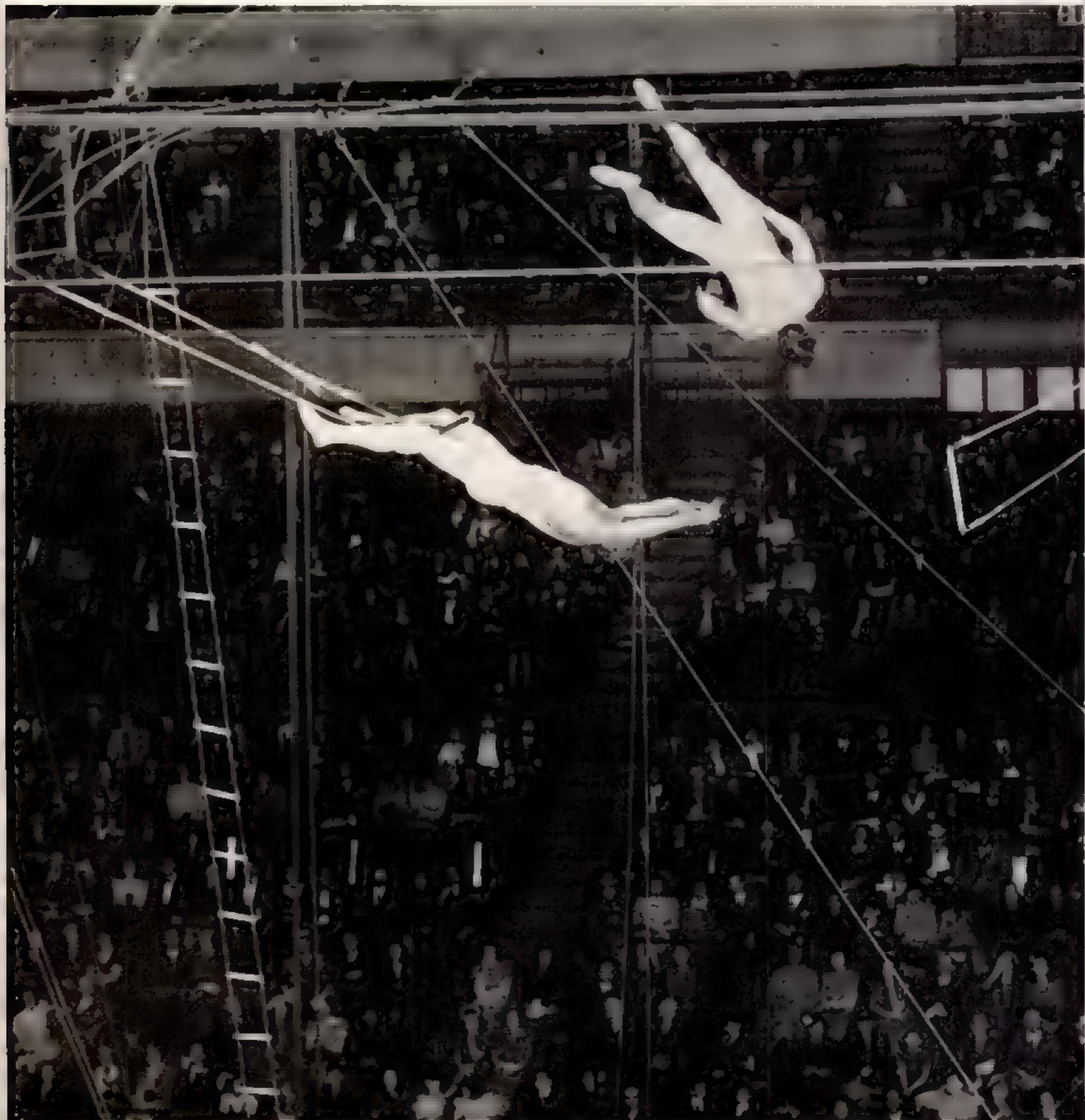
"THE FLYING CONCELLOS, MID-AIR MARVELS IN BREATH-TAKING FEATS"

Favorite act of most circus goers is the troupe of trapeze performers who swing through the air while the band plays *Over the Waves* and leap from bar to bar with a dreamlike ease that holds an audience hypnotized. In the Ringling show there are three such troupes performing at once, all managed by Aerialist Art Concello. On the opposite page you see some of them in color.

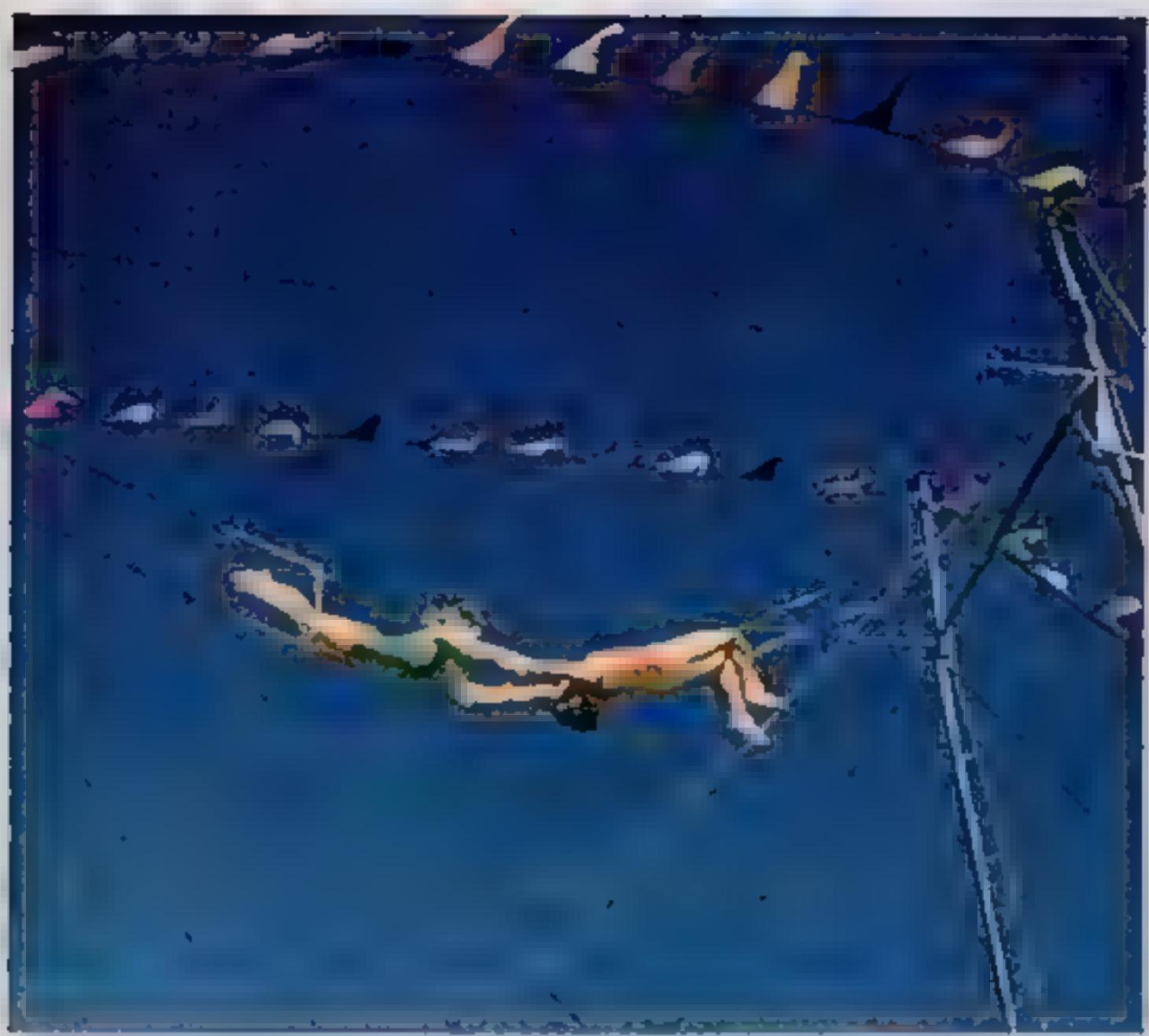
Concello at 31 owns a virtual monopoly on flying trapeze acts, trains them himself, books them with circuses and fairs. Born and raised in Bloomington, Ill., Concello got into circus business because his father was a machinist who made trapeze

equipment. Star pupil is his wife Automette (*opposite page*) who performs with him, specializes in a triple somersault from the flying bar into the arms of a catcher. Concello often recruits performers from YMCA's, says he can train an average young athlete to be an aerialist in a year.

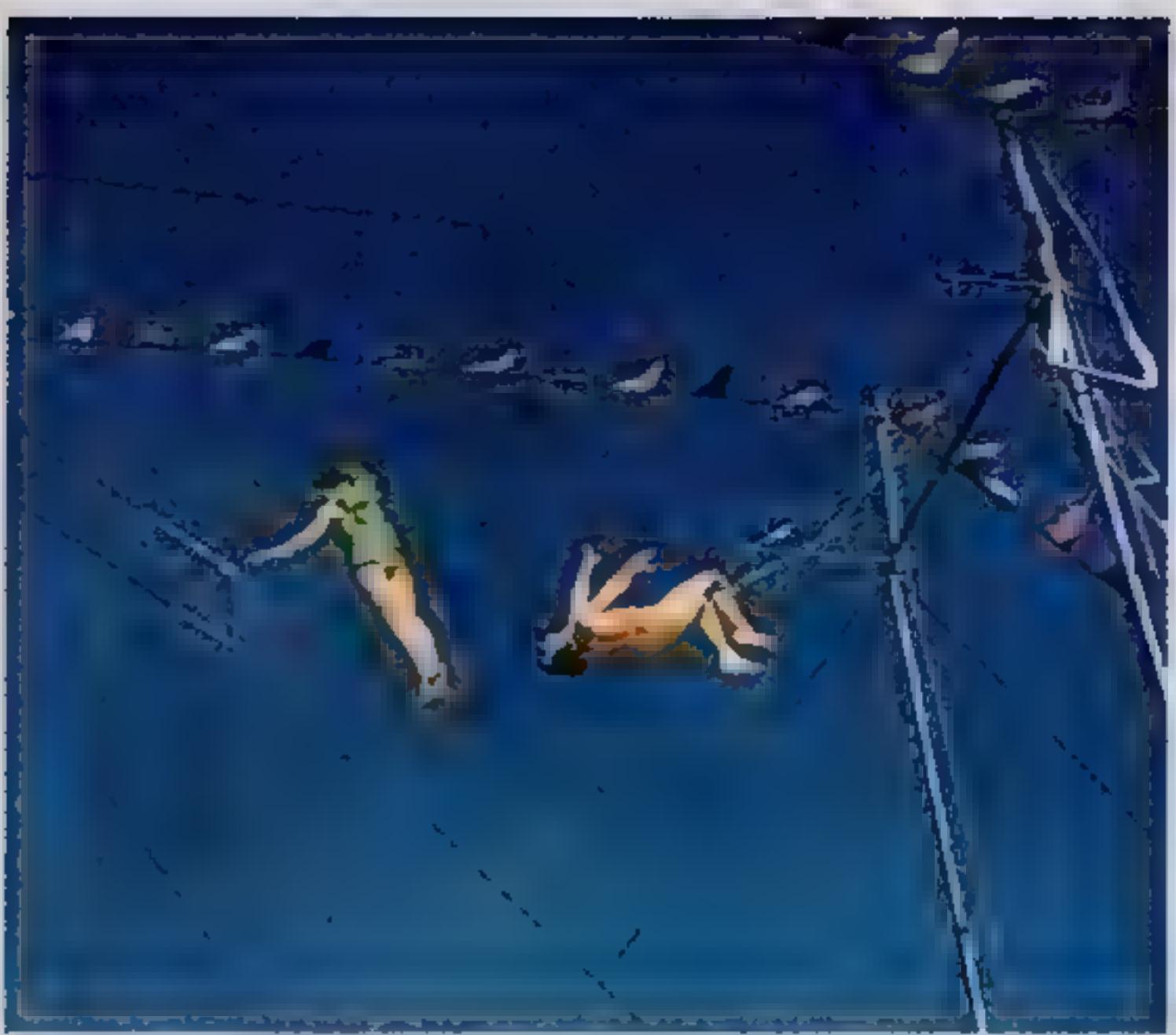
Success depends on strength and split-second timing. Most dangerous part of the art is hooking into the big net, which looks like a couch. Actually, performers must fall just right to keep from straining their muscles or breaking their backs. This season in Philadelphia one of the Concello aerialists fractured his ankle dropping into net.



ART CONCELLO DOES A SOMERSAULT THROUGH THE AIR AFTER LEAVING TRAPEZE AT RIGHT. HE WILL STRAIGHTEN OUT IN TIME TO BE RESCUED BY CATCHER JOE REMILETTE



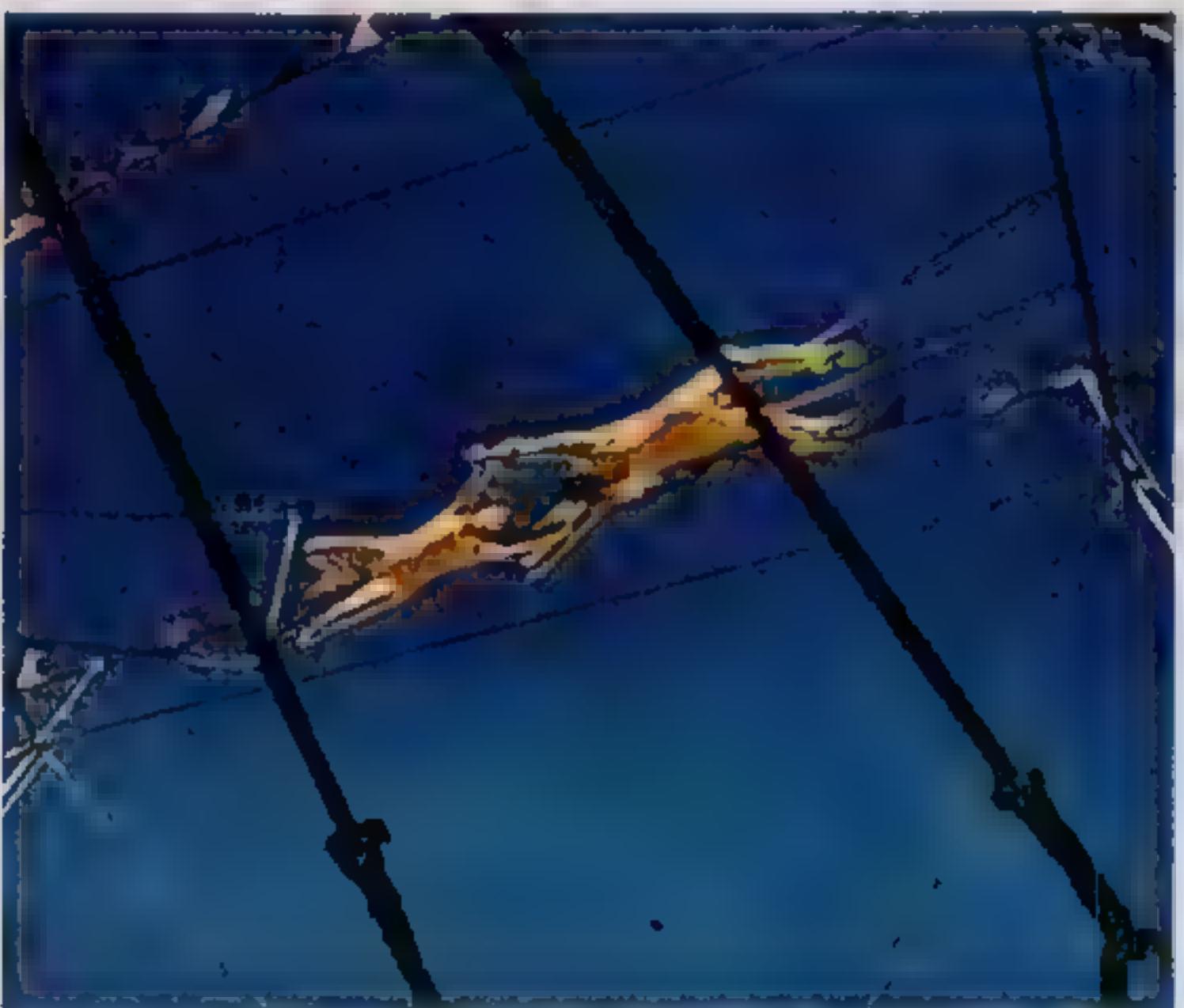
"TONY" CONCELLO DIVES FROM TRAPEZE (LEFT), IS GRABBED BY GIRL CATCHER



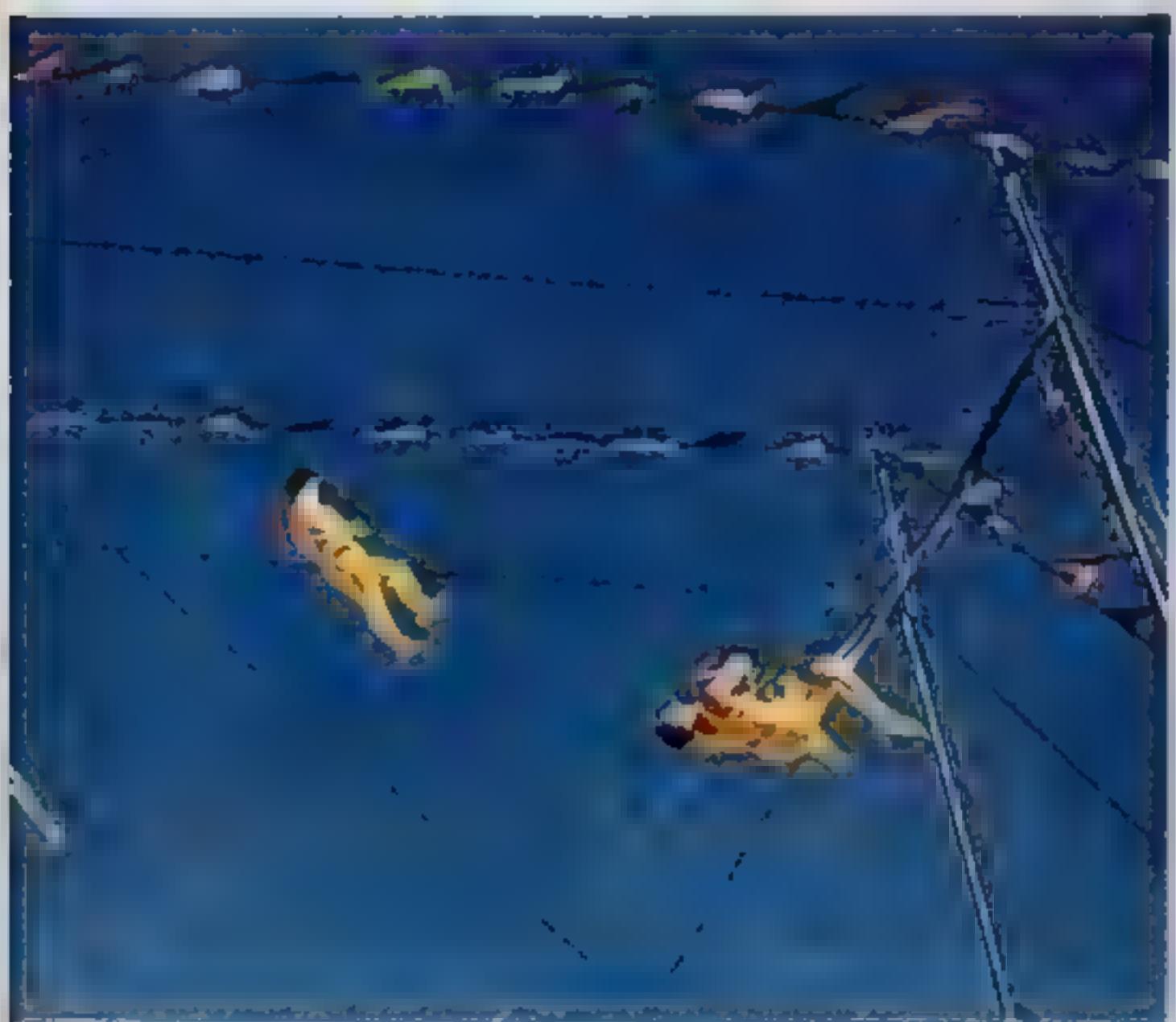
"TONY" REACHES FOR BAR ON RETURN TRIP. NOTE LEG BRACE ON GIRL AT RIGHT



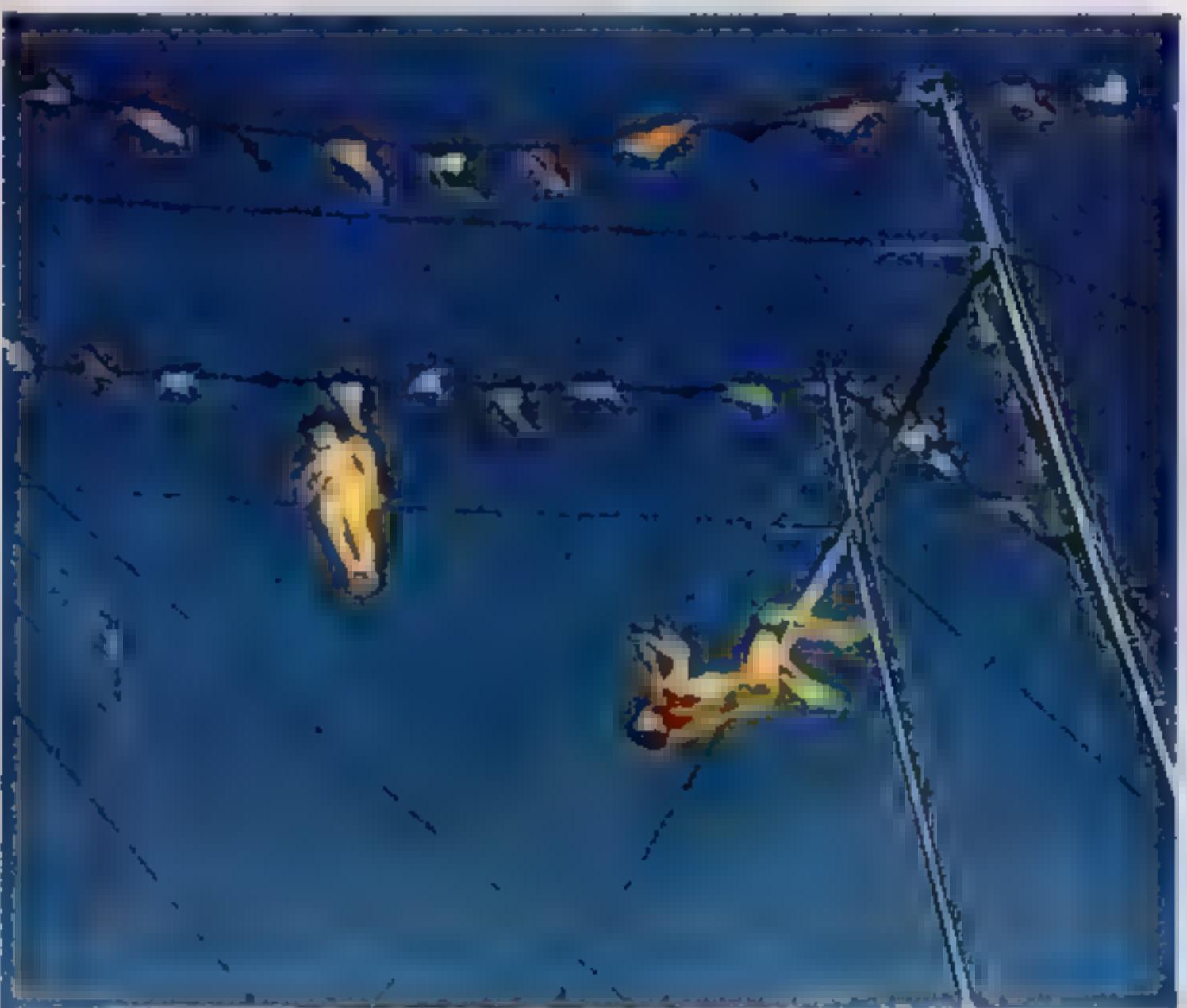
GIRL ACROBAT IN SOMERSAULT SPINS TOWARD ACE CATCHER, JOE REMILETTE



JOE GRABS GIRL IN POSITION CALLED "THE CRAB." JOE WORKS WITHOUT BRACES



ART CONCELLO, HEAD OF FAMED TROUP, WALKS ON AIR AFTER LEAVING CATCHER



CONCELLO TURNS IN MID-AIR TO CATCH BAR AT LEFT. THIS IS A "PIROUETTE"

The Circus (continued)



"Old King Cole" in the Mother Goose spectacle rules on a throne suspended between four elephants, each surprisingly blanketed in pink plush, and each bearing a beauteous lace of the court. King Cole is played by Felix Adler, most renowned of the circus clowns.



Mother Goose rides a camel transformed into a giant goose by mesh covered with feathers. A clown was supposed to ride the goose—but as camels are not so strong, clown had to remain a side teacomed the act. This is a one-line painting from Andes.

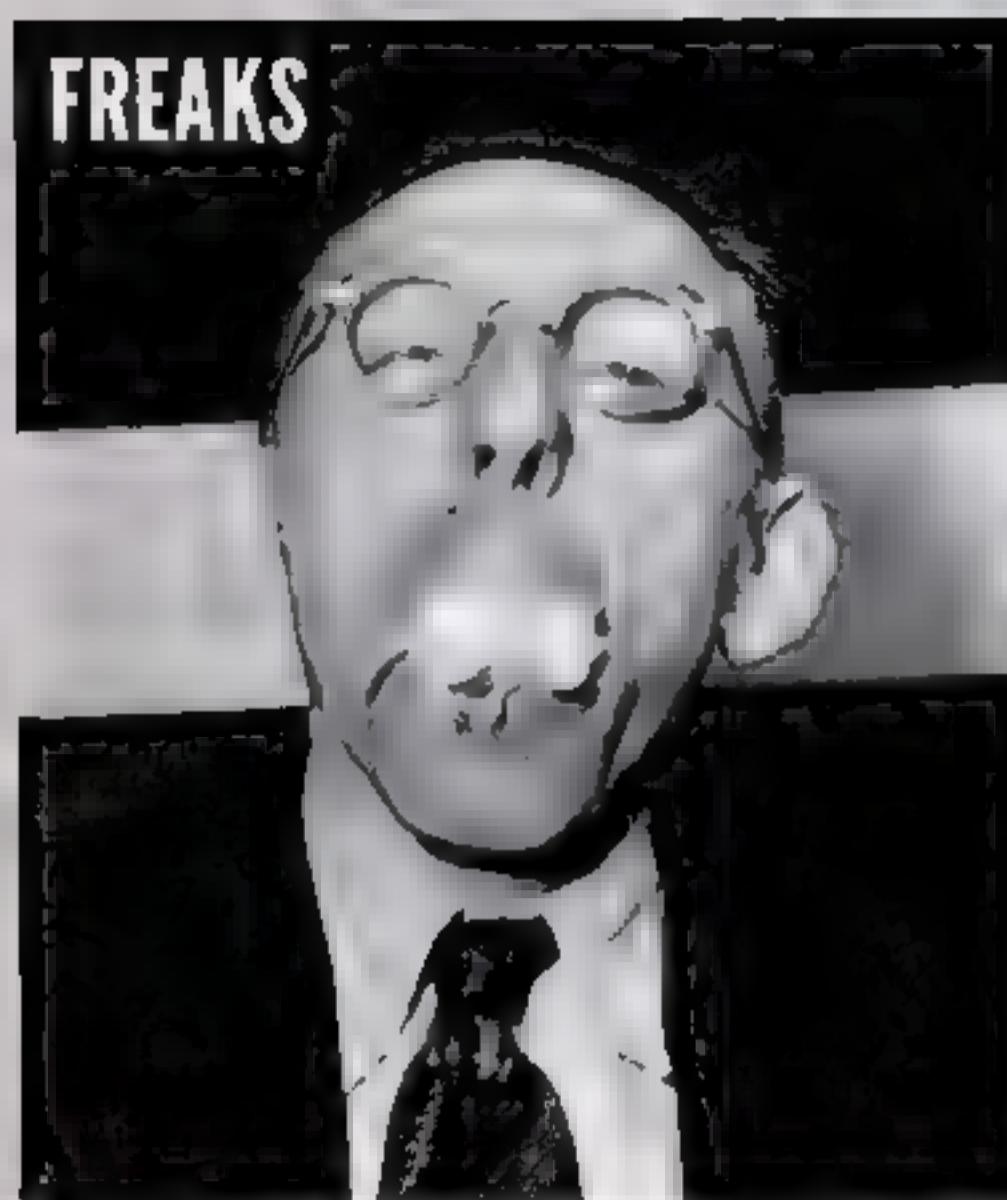


Clown with big cigar is one of the favorite oldtime clown acts which parade around the big tent. Smoker is Lou Jacobs, a topflight clown who invents his own acts. To puff smoke he uses bulb and true concealed in feathers. True expels magnesium powder near his mouth.



Lion salute is given by Nulin, who comes on a high perch at the grand finale of Alfred Court's big animal act. Like most of Court's beasts Nulin was bred in Europe but is still pretty ferocious. Court trains lions without guns or spikes, uses blunt prods instead.

FREAKS



The Great Waldo, sideshow star, swallows live white mice and cougars. He swallows the mice first with a mouthful of cigarette smoke so they won't tumble at his gullet.



The Fire Eater, Doctor Mayfield, lights a mouthful of gasoline with a torch and belches forth a 30-ft. flame. His eye-lashes are singed and his teeth are blackened by the gasoline.



Rubber-necked Man, Ed Buckhart, achieves this odd effect stretching his highly developed platysma muscles. Ed used to be a railroad clerk, stretched his neck for fun at parties.

CLOWNS



Whackiest of clowns is Lou Jacobs who swishes around the tent leading a dachshund which rolls its eyes and carries Lou's purse. Dog is made by two midgets. Highest paid of the 100 clowns, Lou gets \$35 weekly. Food and lodging are free, but performers always tip high

for extra service. Clowns do little but parade around the tent in outlandish costumes, break monotony by devising new make-ups. Most clowns are single because girls regard them with scorn or amusement, says Jacobs, "I've been chasing every girl in the show but it's no use."

WIRE ARTIST



"AND NOW HUBERT CASTLE, KING OF THE TIGHT WIRE"

Tops among one-man acts is Hubert Castle (cover). Above you see him after he has staggered like a drunk into the center ring and clambered onto his wire. With knees shaking and the wire swinging wildly, Castle staggers across it while the band plays *How Dry I Am*. Then in a flash he unzips his dress clothes, steps forth in blue tights

and yellow shirt ready for the serious stunts you see below. Castle never uses parasols or poles for balance, says they spoil a good wire-walker. Next year he plans to dress up as a cowboy, whoop into the ring on horseback and do rope tricks on the wire. "The kick he gets out of wire-walking," says he, "is like playing golf when you hit a long drive."

TRAPEZE ARTIST



"THE GRACEFUL & DARING MADEMOISELLE ARDELTY"

Tops among one-woman acts is Elly Ardely (above) who stands on her head and does everything else on a swinging trapeze 40 ft. above the ring with no net below her. Tiny, blonde Aerialist Ardely began her career as a ballet dancer in her native Russia, practiced head-standing four years before she perfected her art. Her act now takes ten

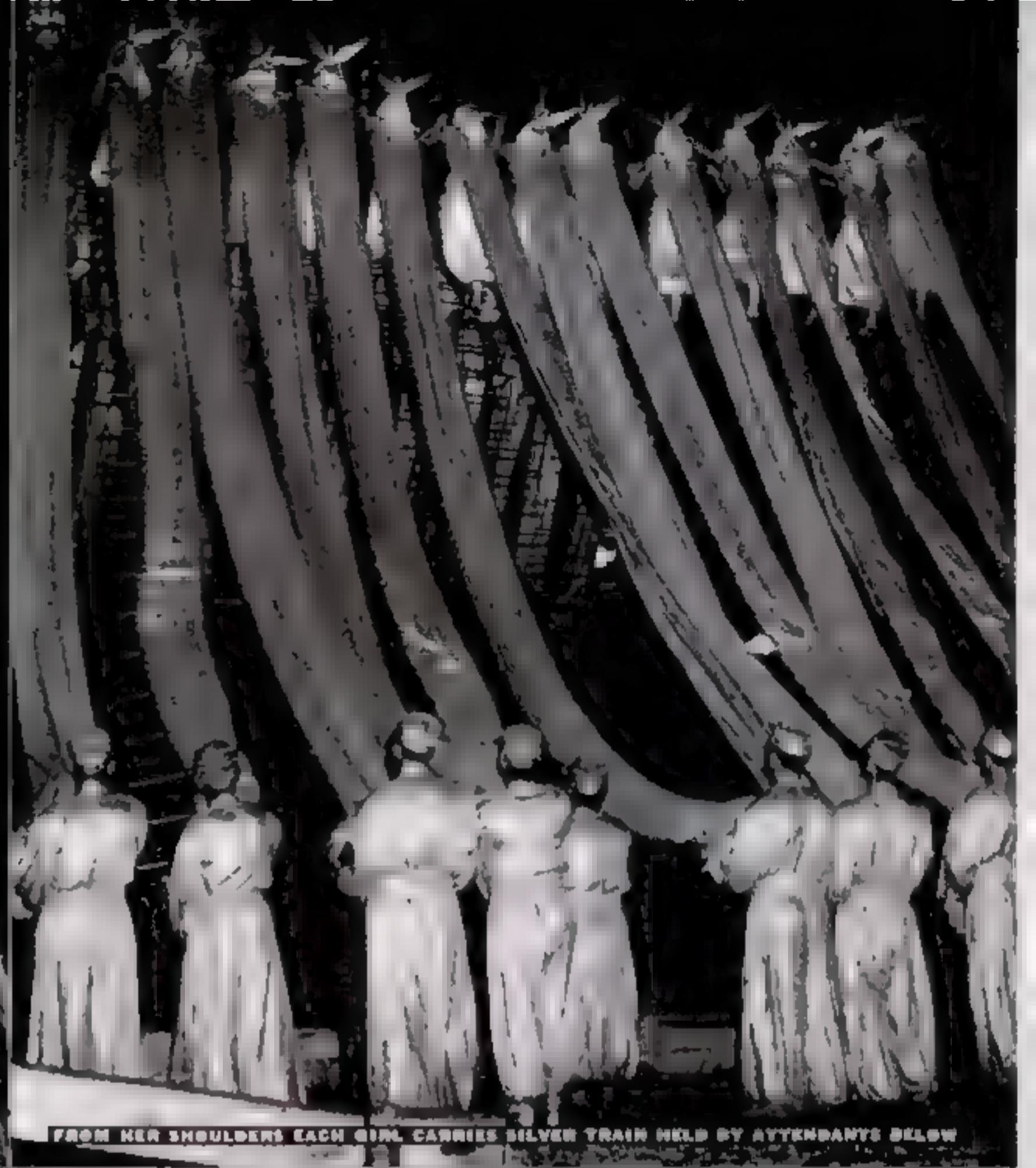
minutes, which means she works only 20 minutes a day, but those are rated as 20 of the most dangerous minutes in the circus. Her last accident was in Germany where she crashed into the ring, broke her hip, was laid up nearly two years. Even circus people get uneasy watching Ardely's act, explain it by saying the girl simply has no nerves.

The Circus Continued

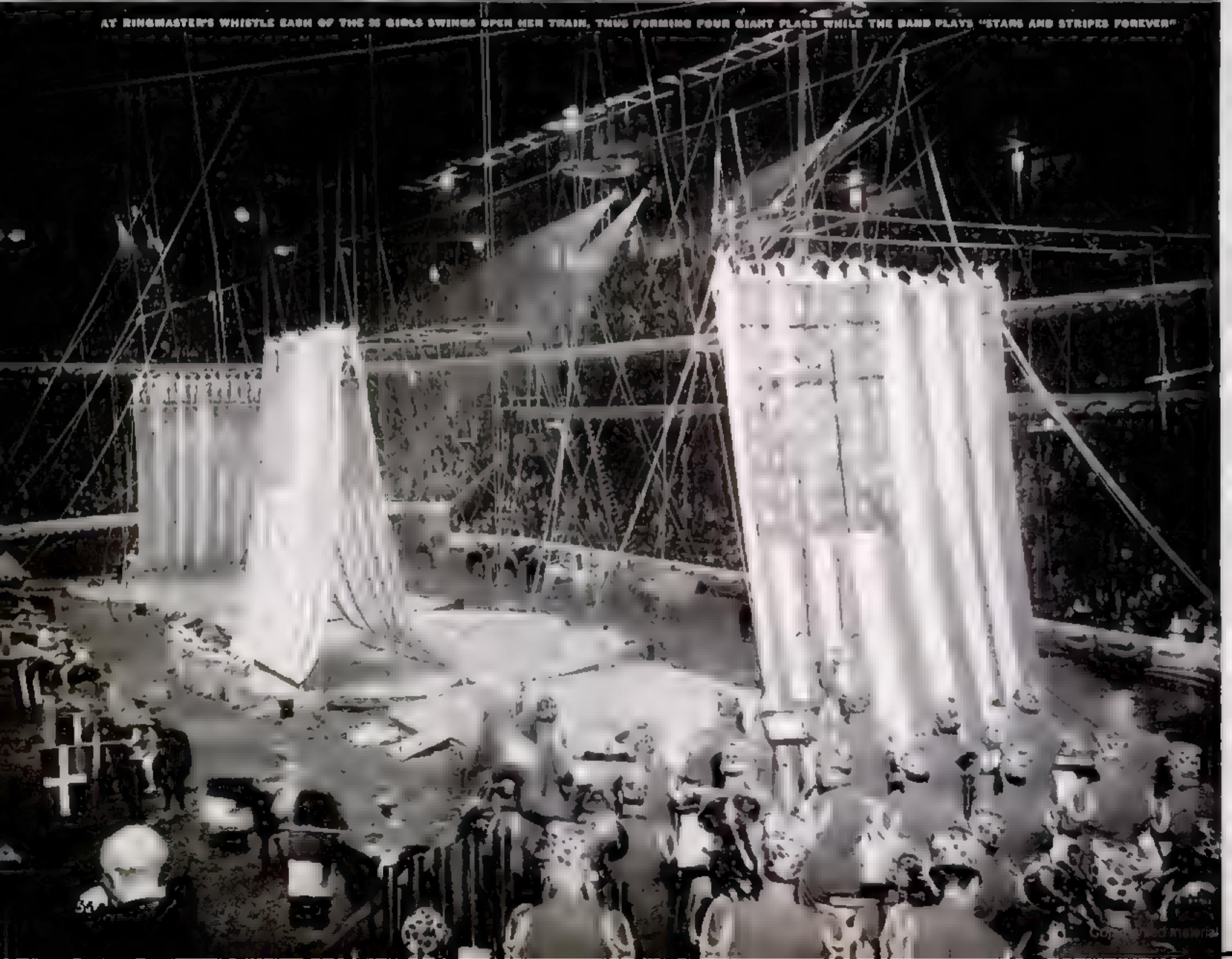
GRAND FINALE



GIRL ACROBAT CLIMBS 20 FT. UP SWAYING LADDERS FOR SURPRISE FINALE



FROM HER SHOULDERS EACH GIRL CARRIES SILVER TRAIN HELD BY ATTENDANTS BELOW



AT RINGMASTER'S WHISTLE EACH OF THE 25 GIRLS SWINGS OPEN HER TRAIN, THUS FORMING FOUR GIANT PLATES WHILE THE BAND PLAYS "STARS AND STRIPES FOREVER"



The man with a little and the man with a lot may be miles apart in the worldly things they possess. But like the right to vote—America's most distinguished beer is enjoyed by both • That famous flavor found only in Schlitz is within the reach of everybody. It is loved universally by all who know good beer • All the millions in the mint could not buy Schlitz quality by any other name. There is no substitute for a beer so fine that it made a city famous.



Copr. 1941, J.W. Schlitz Brewing Company, Milwaukee, Wisc.

America's Most
Distinguished
Beer

Schlitz



THE BEER THAT MADE MILWAUKEE FAMOUS



BLESSED MOMENT... ALL YOUR OWN!

Shut the door on all the noise and bustle of the day... the children's chatter, the kitchen's clatter, your own thousand-and-one busy steps.

Run a warm full tub, slip off your clothes, step in and stretch out... *lazily*... letting the water ripple gently over all of you, throat to toes. Relax... and feel the long day's cares float clean away.

Make this moment all-your-own an extra-blessed one, with bland, caressing, gentle Palmolive. Smooth its quick, thick lather over face, throat, shoulders, all of you.

Your skin is cleansed swiftly—completely... and gently. For Palmolive is made with olive and palm oils—nature's finest beauty aids—*costliest oil* blend used for any leading soap. These vegetable oils (no animal fats)

are the only oils used in making Palmolive. And this is true of no other leading soap. Yet, for all its costliest oil blend, Palmolive costs you no more than the others. That is because Palmolive is the largest selling beauty soap in all the world.

So ask yourself, today, and answer truly... will anything less than Palmolive do for your all-over complexion?

MAKE IT EXTRA-BLESSED...

Choose PALMOLIVE

MADE WITH
OLIVE AND PALM OILS... THE

Costliest Oil

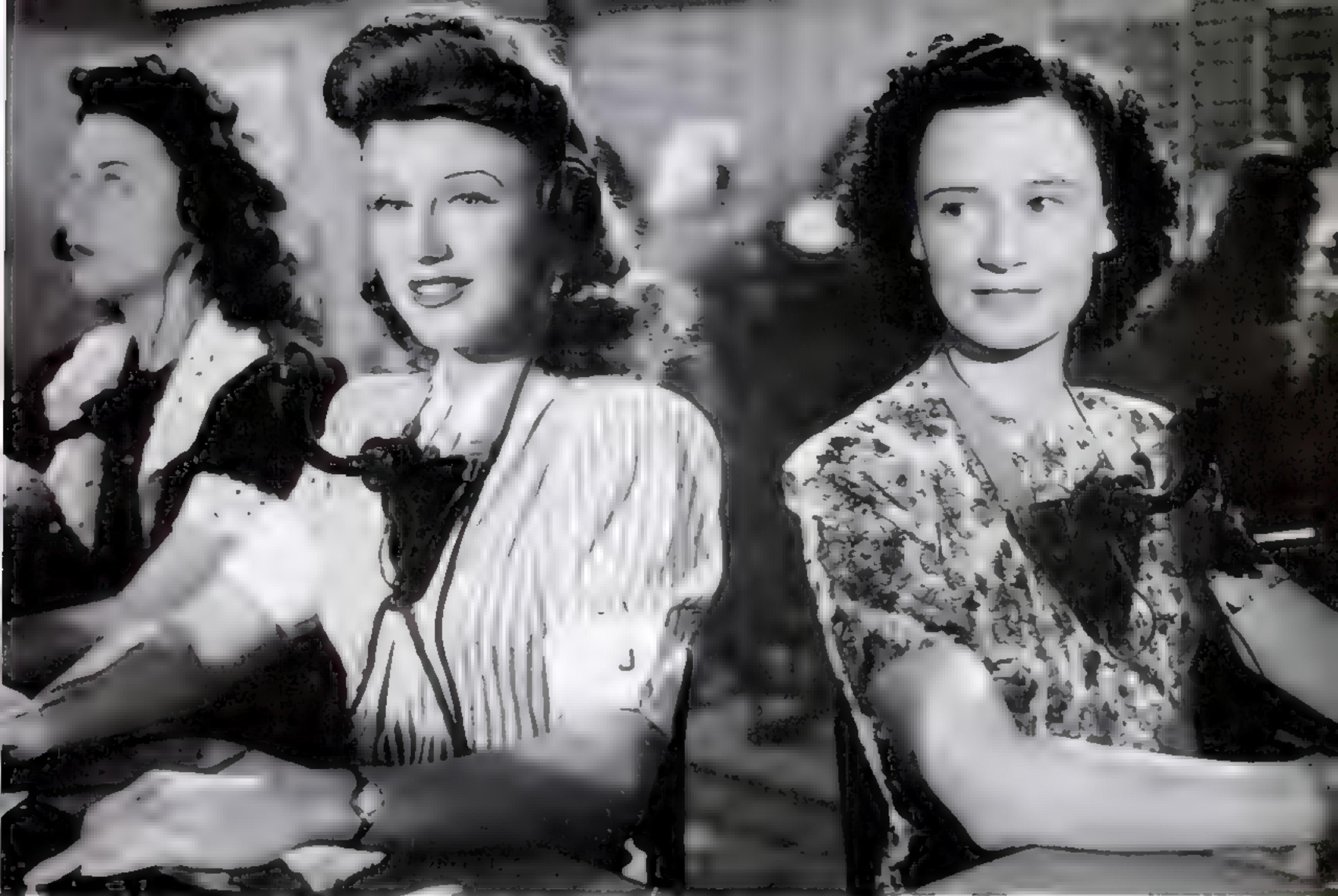
BLEND USED FOR ANY LEADING SOAP



TRY PALMOLIVE... NOW!

Look for the NATURAL OLIVE COLOR*
It comes from olive and palm oils... nothing else.

IT'S NEW! MAN-SIZE,
BATH-SIZE PALMOLIVE!
Extra big, longer-lasting
for your tub and shower
With a family cheer
Economical, too.
Ask your dealer for Bath-
Size Palmolive.



AS A ROMANTIC TELEPHONE OPERATOR, GINGER ROGERS USES EXCHANGE LINGO FOR RICH COMEDY EFFECT WHILE SWAPPING GOSSIP WITH HER PAL AT NEXT SWITCHBOARD

MOVIE OF THE WEEK: *Tom, Dick and Harry* Ginger juggles three suitors

Tom, Dick and Harry comes under the classification of "good summer fare." By "summer fare" trade papers mean a picture that is featherweight in idea, well produced and pleasantly entertaining when taken with a chaser of air conditioning on a torrid night. In this tropical category, because of Ginger Rogers' talent for portraying a lovable American white-collar girl and Director Garson Kanin's gift for comic human detail, *Tom, Dick and Harry* is miles above most.

In it, Ginger is a telephone operator who thinks romantic movies swell, likes to liss Hitler on the

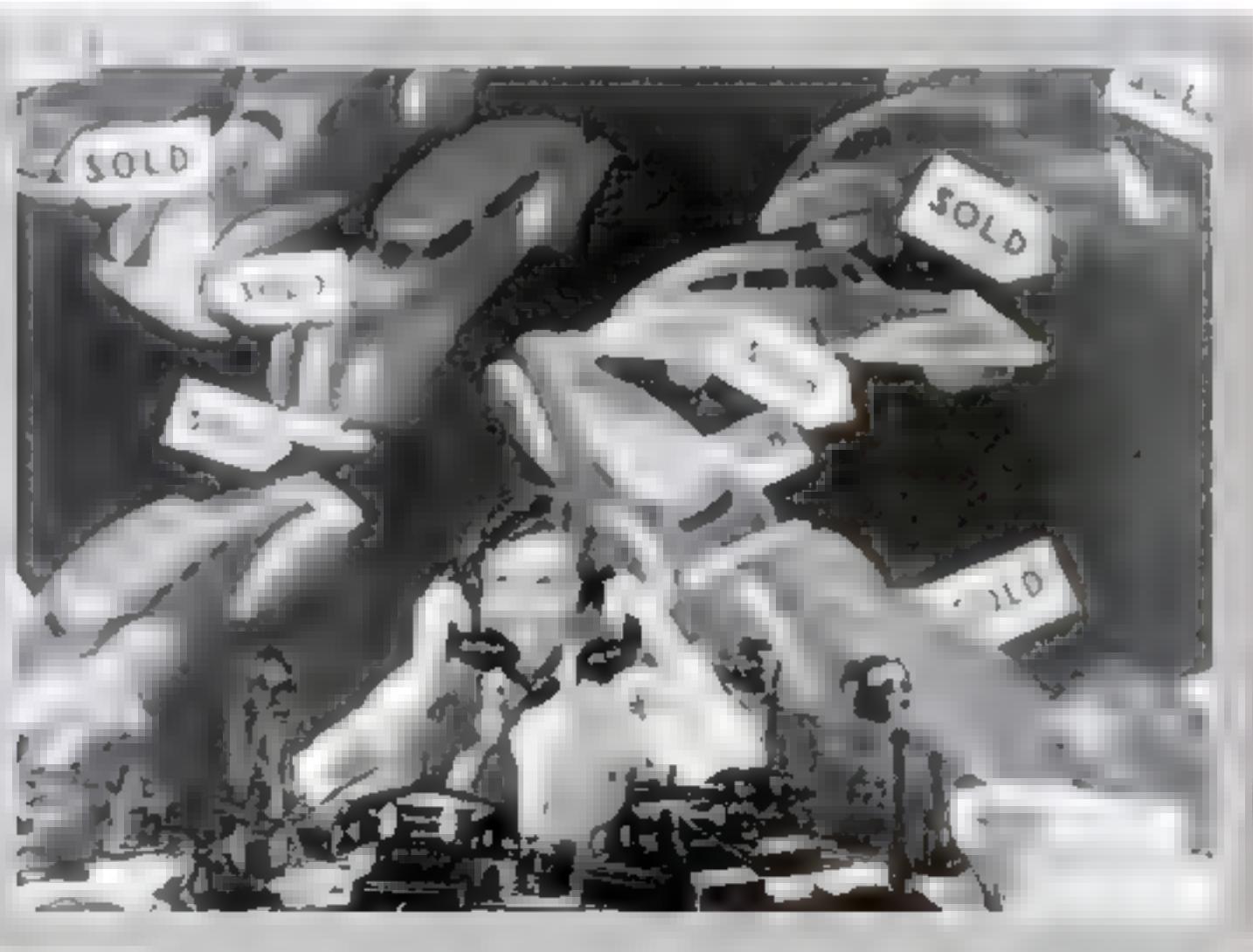
screen, licks ice cream charmingly at the corner soda fountain and knows all the Good Humor man's favors by heart. She day-dreams about a rich suitor with a foreign car and hesitates to marry the auto salesman she is engaged to because "he gets promoted too much." By a set of strange circumstances, she becomes engaged to three men. About each of them she has a dream which projects *Tom, Dick and Harry* into over-ratified stretches of whimsy. Best sequence is her evening with impoverished Suitor No. 2, who shows her the best time she ever had on \$1.80.

WHAT HAPPENED



NO. 1: TOM

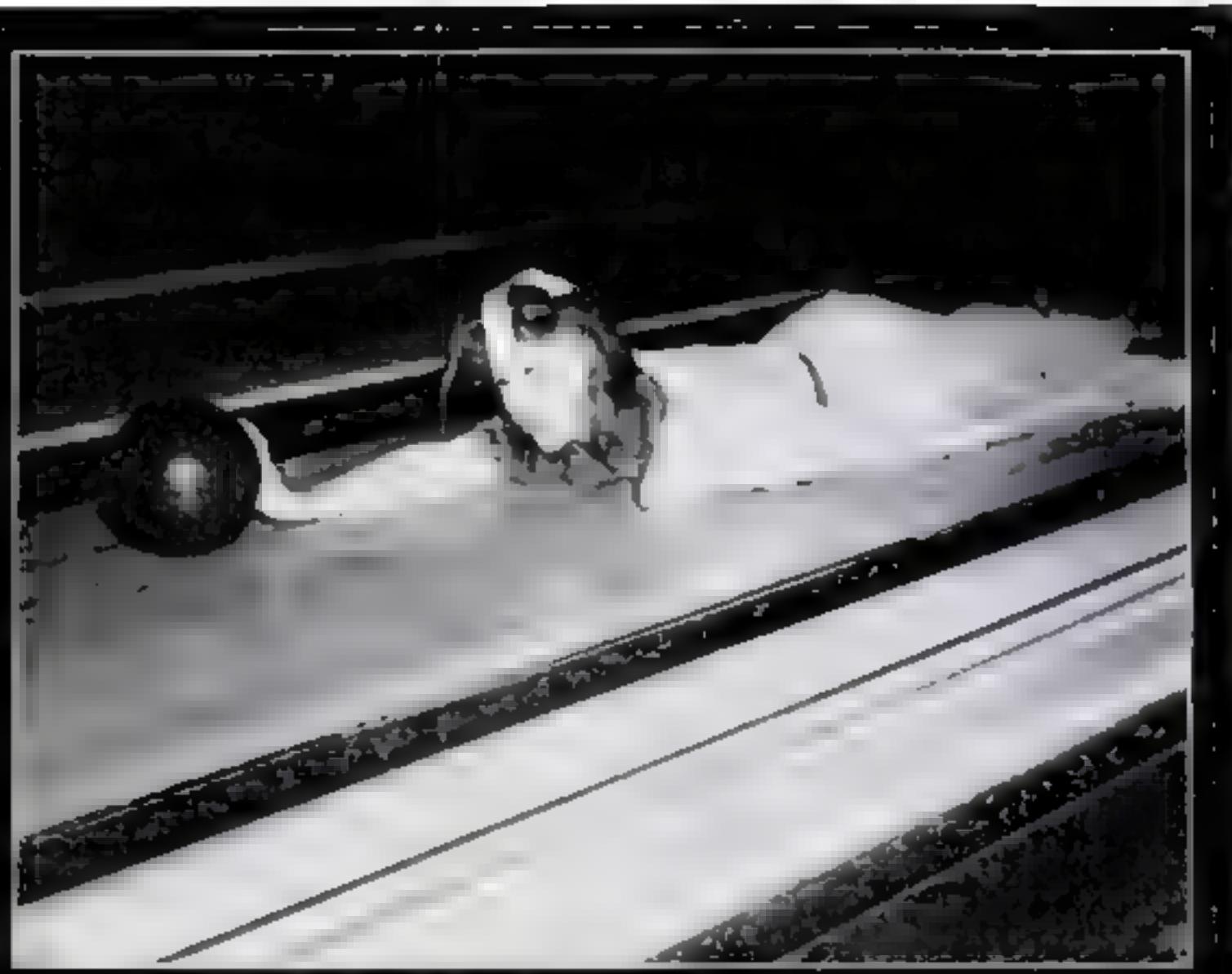
First of Janie's three proposals comes from prosaic Go-Getter Tom, who is so busy being promoted from junior salesman to assistant sales manager of an auto agency that he forgets to tell her he loves her. To her family Janie declares she is



engaged to Tom and, "What's more, I may even marry him." At night she dreams that a preacher pronounces them "a lovely couple" and Tom, by saving a million cars, is promoted to "major junior executive executive sales manager."

"Tom, Dick and Harry" (continued)

WHAT HAPPENED



NO. 2: HARRY

Her evening with a garage mechanic, who has only \$1.80 to spend, is climaxed by minor disaster above. After showing her how to swing a bowling ball, Harry neglects to tell her when to let go. To amuse her, he takes her dancing in the

booth of a record shop and feeds her at a hamburger joint. Throughout the evening he argues mathematically that since there are only 9,569 millionaires in America—most of them married—Janie has scant chance of getting one.



A charming shanty that resembles a Dali version of *Tobacco Road* is home for Janie and Harry in Janie's second dream. Dressed in picturesque rags, they spend most of

their time fishing, because Harry doesn't believe in work. Their children do not go to school, because they don't believe in school. Informed by telephone that he has just won

\$10,000 in the "Pile of Dough" radio program, Harry answers: "I don't believe in it." The whole family erupts into jubilant celebration when Harry gets fired from his job.

WHAT HAPPENED



Suitor No. 3 is Millionaire Playboy Dick. Despite Harry's mathematics, Janie meets him by a fluke and spends an evening with him in Chicago. They have champagne in a night club, tickets to a play and a private plane ride home.



A society glamor girl is how Janie sees herself in her third dream. As Dick's wife, she is photographed for *The Daily Daily*, dedicates a street named in her honor (above) and, at a magnificent dinner party, is the toast of swanky guests.

CONTINUED ON NEXT PAGE

ACTORS' FACES

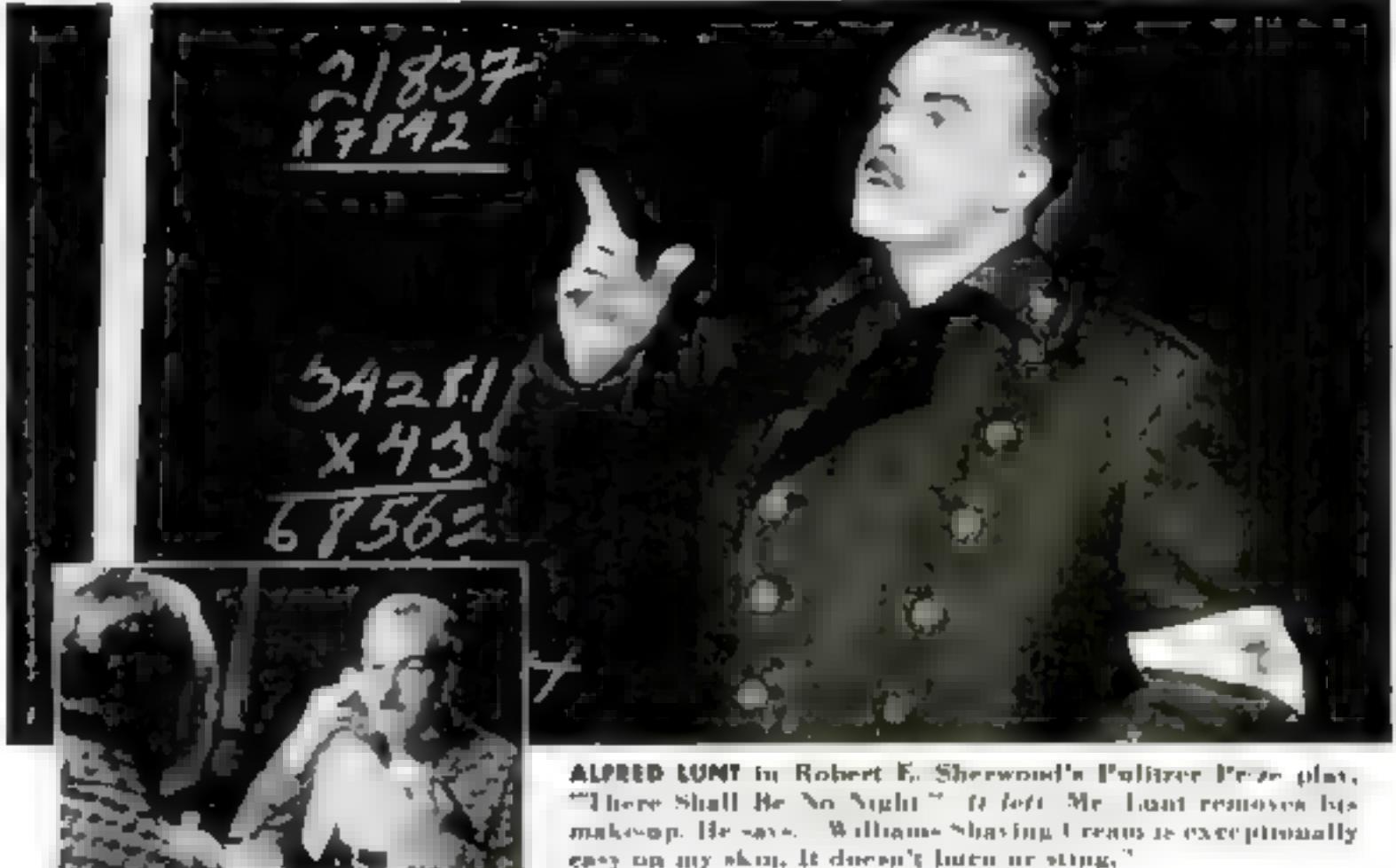
are EXTRA sensitive to
Shaving Cream



LOUIS CALHERN of "Life With Father" uses benzine in removing make-up. His skin is tender as a result. He says: "Williams Shaving Cream never irritates."



JOHN GLENN at an embarrassing moment in "Charley's Aunt." At right, Mr. Ferrer takes off his makeup. He tells us: "Removing make-up leaves my face more and sensitive. I can't take chances with irritating shaving creams. That's why I always use Williams—it never stings or smartens."



ALFRED LUNT in Robert E. Sherwood's Pulitzer Prize play, "There Shall Be No Night." At left, Mr. Lunt removes his makeup. He says: "Williams Shaving Cream is exceptionally easy on my skin. It doesn't burn or sting."

IMAGINE covering your face with heavy make-up for hours every day. Think of removing that make-up... with heavy towels, sometimes strong chemicals. Add to this the irritation of shaving closely every day. It's no wonder that actors' faces are sensitive to irritants in shaving cream!

To be gentle to a sensitive skin, a shaving cream must be made of top-quality ingredients, combined in precise amounts.

Such a cream is Williams, made with knowing skill of over 100 years. Its rich, first-grade ingredients are

blended as carefully as a prescription.

Snow-white, bland and mild—Williams is wonderfully gentle to a tender skin. And its dense, extra-wet lather soaks whiskers completely soft. With Williams, you can have close shaves with comfort.

Feel the welcome difference on your own face. Get a tube of Williams Shaving Cream today.



Curious?

...you, too, can learn
this certain way to buy
furs wisely

PROVE THIS YOURSELF:

If your fur coat has given you exceptional service, see if you don't find the famous Hollander stamp on back of each pelt.

You'll want to be just as curious when you buy new furs this August. Follow the lead of women who know—your furrier will show you the Hollander mark on tag or label. The price of furs depends, of course, on quality of skins and workmanship. But, pay much or little, the Hollander mark is a pledge of long-lasting luster and color—your assurance that your furs will keep their beauty longer.



You'll find the
HOLLANDER mark on FURS
that keep their beauty longer



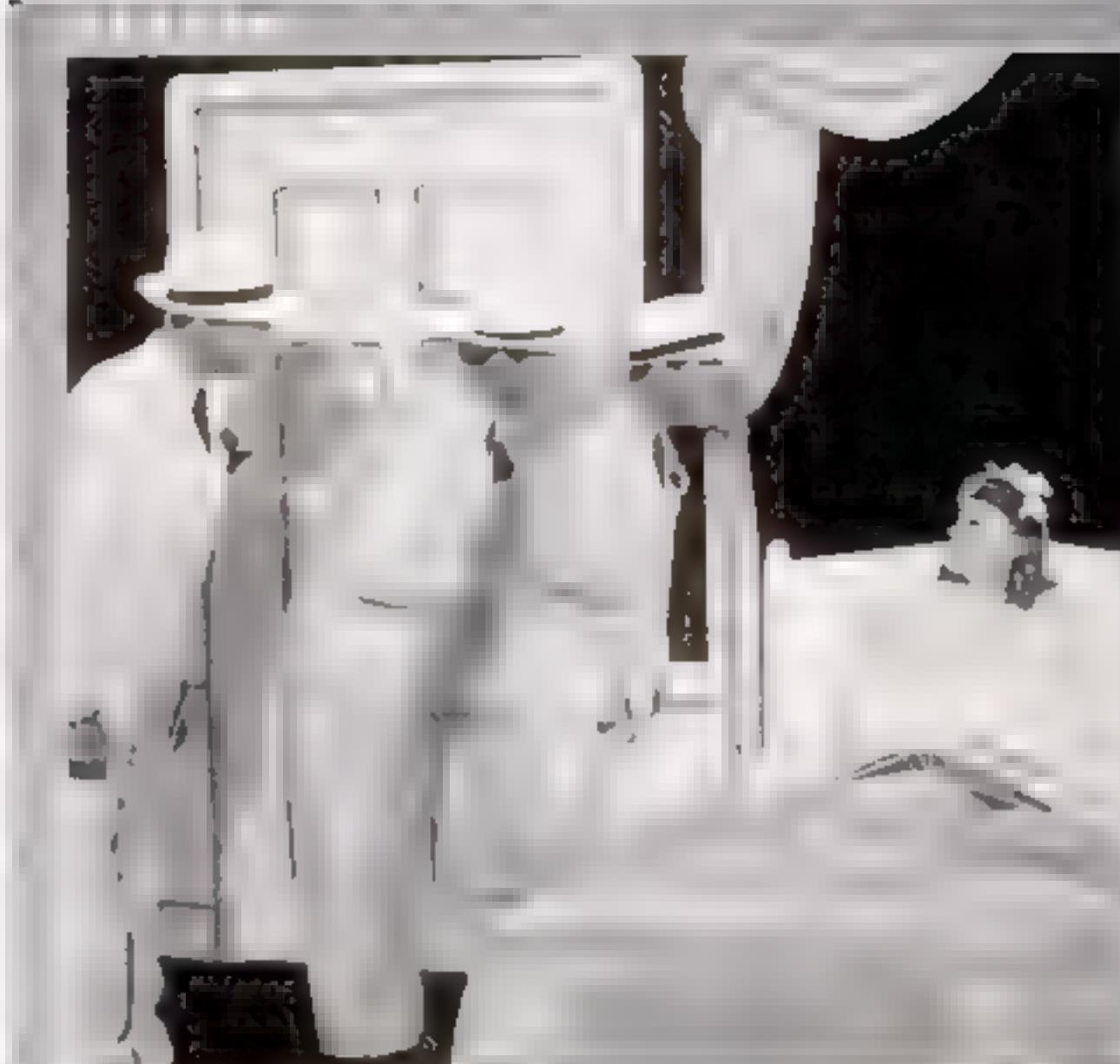
**FOR BETTER SIGHT
USE BETTER LIGHT**



FORTUNE writes of Business as no other magazine can—in the lively realities of plans, policies, problems and people.

New, Quick Acting Preparation to Relieve
SUNBURN
Tropikool Spray-on tan!
Don't wait hours for relief...simply spray on instantly cooling TROPIKOO. Tropikool goes right after your sunburn sting, giving instant relief. Excellent for minor burns.
50¢
SOLD BY THE DISTRIBUTORS OF SALICON

"Tom, Dick and Harry" (continued)



"Do you fellas take this woman to be your lawful wedded wife?" asks the crusty preacher. Janie's three suitors don't make the four as we'd make a lovely couple when they come along at dinner time.



Three husbands, in uniform pajamas and robes, line up at Jamie's bedside after they have serenaded her in turn from the bathroom. But when they slip off their robes, Jamie cries—just a trifle. This is ridiculous.



Nine o'clock on Sunday morning, Jamie's three suitors come to breakfast to await her decision. The empty chair is hers. At this point she is pacing her bedroom over-head trying to make up her mind. When she does, it ends picture with a surprise.



WHAT A FATHER OWES HIS SON IN AUGUST

THese are the summertime gifts a wise father bestows upon his son:

For Health—a place in the sun, the surf, the mountains, or at the lake.

For Spirit—your time: that you can get to know him anew . . . this time as man to man.

For his Mind—a valuable new skill that will help him to think . . . that will be a form of job-insurance through all the years of his life—*Typewriting!*

Thousands of tests in the nation's schools have proved that boys and girls who do their work on a typewriter average 17% more work . . . 50% fewer misspelled words . . . 75% less errors in English . . . and 10% to 30% higher grades—in many subjects!

Naturally Handwriting, because it is slow and tedious, tends to freeze a youngster's thoughts, make homework dull labor. While the greater speed and ease of typing free his mind for thinking!

Royal Arrow Model, \$54.50 Other Royal Portables, \$44.50-\$64.50



But which Portable? One Portable so closely resembles a standard office machine in everything but size that typing teachers recommend it for home use—the Royal!

1. **MAGIC* Margin**—A flick of this handy lever changes and sets margins automatically. Only Royal has it!

2. "Big-machine" keyboard—Royal has a keyboard just like that on a standard office machine.

3. **Boss Shift**—Less noise when you shift on a Royal. The carriage doesn't clatter or pop up!

4. **Shock Absorbers**—Cushion feet and jar-proof construction give the Royal Portable the sturdy, "weighty" touch of a full-sized machine.

5. **Touch Control***—A touch on this lever adjusts key tension to your particular touch. Only Royal has it!

6. **No Type-bar Blur!** Type bars flash unseen! This, with Royal's "no glare" finish, saves eyestrain.

Durable Case and "Self Teacher" included at no extra charge. With this ingenious touch-typing chart, there is plenty of time to learn before school opens.

For no more than it costs to rent one, you can own a Royal Portable! Remember, the whole family will benefit from its use. Dad, in his personal business. Mother, in her correspondence and club work. And your local dealer is authorized to sell you any Royal for only a few dollars a month (plus a small carrying charge).



World's Champion! Cortez Peters, first and only World's Portable Typing Champion, seated before the Royal Portable on which he won the International Commercial Schools Contest in Chicago on June 20th. Says he: "I seriously doubt if the championship could have been won on any other make—for Royal is THE Standard typewriter in Portable size!"

ROYAL PORTABLE THE STANDARD TYPEWRITER IN PORTABLE SIZE

Royal Typewriter Co., Inc., Dept. L-7
2 Park Avenue, New York City

I should like a free trial of a Royal Portable, at no obligation to me.

Name _____

Address _____

City _____ State _____

*Trade-mark Reg. U. S. Pat. Off. Copyright 1941 Royal Typewriter Co., Inc.



On the high tableland of Kearny Mesa, six miles north of San Diego, the U. S. Government is building a \$8,050,000 housing project for the civilian workers of the city's airplane factories.

Many of the 3,000 houses are already constructed, many of the 12,000 eventual inhabitants already moved in. The houses are square and boxlike, rent for approximately one-fifth of what the



San Diego Mission, now changed and restored, was California's first mission and the first presidio of Upper California.

BOOM TOWN: SAN DIEGO

Until a year ago a LIFE story on San Diego would have been full of pictures like the one of the old Mission House at the left. Then San Diego was a quiet, slow-moving town. Many of its citizens were retired Midwesterners or naval officers. Its principal industry was tourism. To its missions, museums, beaches and waterfront flocked visitors from all over the country, soaking up history and sunshne.

But no longer is San Diego a quiet, slow-moving town. The defense boom has hit it. Today it is America's fastest-growing city. In the last year San Diego's population has increased from 200,000 to 300,000. Into it the Army and Navy have poured more than \$18,000,000 worth of contracts. Employees in its airplane factories have tripled. Already there is a shortage of houses, water, sewage facilities, gas, electricity and transportation.

All this, of course, has changed the look of the town. With the boom have come housing projects like the one shown above, trailer camps, traffic snarls, bigger red-light districts. But it isn't these things so much which worry the old San Diegans. What makes them fret is the change in the tempo of their town. Until a year ago people walked leisurely down Broadway, drove quietly through Balboa Park. Now they stride hurriedly, drive like mad. Nice old ladies a year ago sat on the waterfront painting pictures of ships coming and going. Now the ships coming and going are Army and Navy transports, and nice old ladies are barred from the docks. Until the last few weeks visitors to San Diego could be driven to beautiful Point Loma, shown the lighthouse and the Cabrillo monument, marking the spot where Spaniards in 1542 first landed in California. But now the Army's Fort Rose-



worker is making per month at the factory. Eventually there will be paved roads, landscaping, shopping centers and recreation facilities.

IN A YEAR THE NATIONAL DEFENSE PROGRAM HAS CHANGED IT FROM A QUIET, SLOW-MOVING TOWN INTO AMERICA'S FASTEST-GROWING CITY

crans has closed the Point Loma road. Without sabotage or interference, its guns must be prepared to defend the entrance to the harbor

Worst of all, to these San Diegans, is the coming rise in taxes. Most of them have small, fixed incomes, own plots of land on Mission Hills or over in Coronado. But somehow the new schools, sewers and water pipes, necessitated by the rise in population, must be paid for, and taxes are the only answer.

In spite of this opposition, the San Diego boom will continue. It will continue because today the U. S. needs airplanes, ships, trained soldiers and sailors, and San Diego can furnish them. The Navy and the aircraft industry are not new to San Diego. But it is only in the last year they have grown big. Originally they settled here because of the climate and geography. The weather is warm all year, and on the

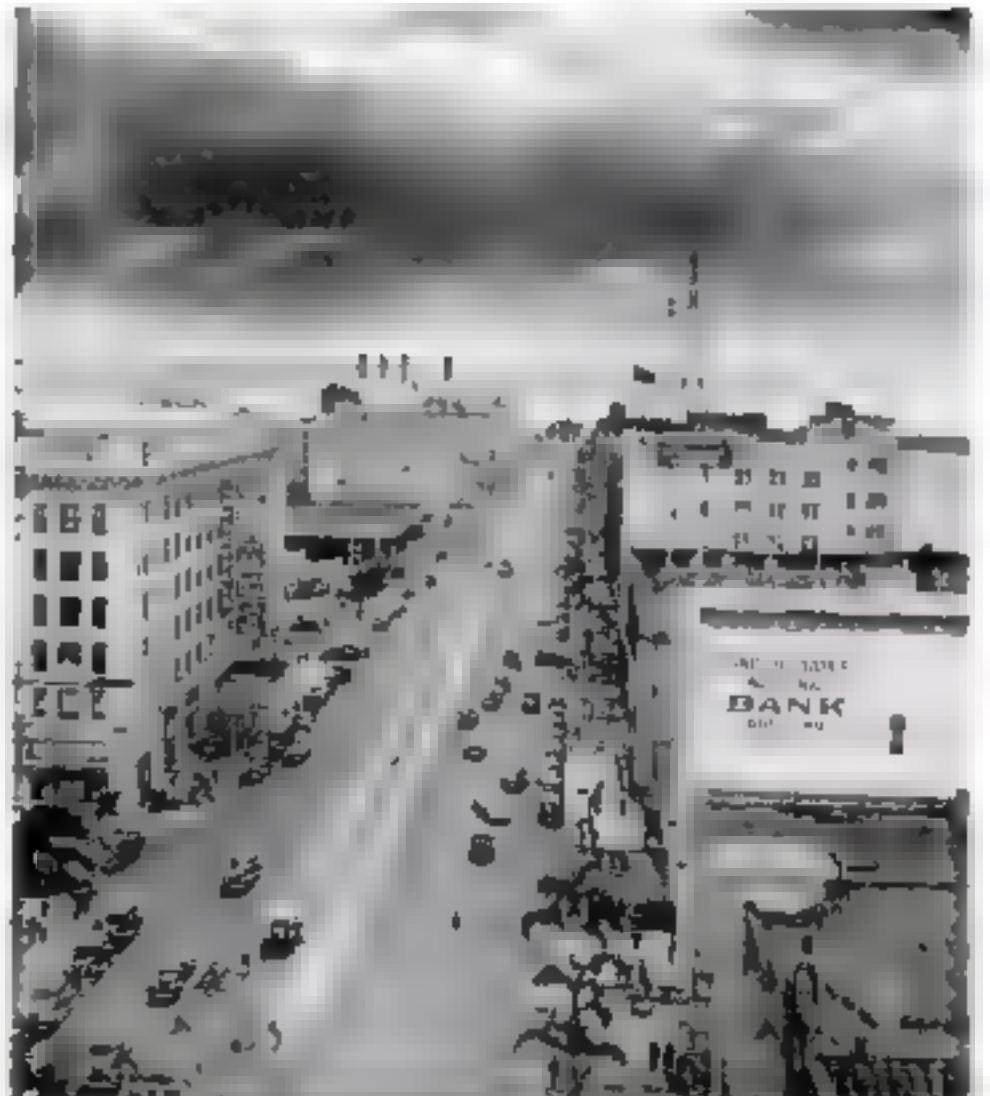
average less than nine days are without sunlight. Result is that flying conditions are almost always good and, winter or summer, the factories can assemble their planes outdoors. Furthermore, San Diego has one of the ten best natural harbors in the world, capable of sheltering most of the U. S. Fleet. Most important, in time of war, San Diego can be easily defended. To the north and east is the whole U. S. To the west is the Pacific Ocean and Hawaii. To the south are hundreds of miles of barren, mountainous land.

The picture at the right shows San Diego as it looks today, far different from the old Mission House at the left. You are looking from the Grant Hotel, down Broadway, toward the municipal docks, now taken over by the Navy. In the distance is an old light cruiser and North Island, the Naval Air Station, forbidden ground today to everybody except Navy men.



A few seconds after 5:30, out through the gates of Consolidated Aircraft pours the day shift of workers. Here

some 17,000 men are now working. By May 1942 it will be 22,000. In background is B-24 bomber, made for England.



Looking down Broadway, this is what San Diego is like today. In background is old cruiser, begun during World War I.



MOST CONSPICUOUS SIGHT IN ALL SAN DIEGO, VISIBLE FOR MILES IN EVERY DIRECTION, ARE THESE TWO NEW HUGE HANGARS AT NAVAL AIR STATION AT NORTH ISLAND. BUILT



In the yard of Consolidated Aircraft, fuselages of PBY flying boats are lined up for final assembly. It was one of these American-built PBY's which in May spotted the *Bismarck*, helped lead British craft to the German battleship. They can be used either as patrol planes or bombers.



Moored to a dock off North Island, aircraft carrier Saratoga looks grim and serious in her dark warpaint gray. Almost every day ships of the Fleet slip mysteriously into the harbor, slip out again just as mysteriously. Few people know where they have been or where they are going.



OF RE-INFORCED CONCRETE, THEY COST \$970,000. SAN DIEGANS SAY THEY ARE BOMBPROOF



The Army's Camp Callan, built at cost of \$7,000,000, sprawls dusty and hot along shore. It is a reception and replacement center for the Coast Artillery, designed to receive raw selectees, then in 18 weeks teach them enough about the Coast Artillery for them to join a regular outfit.

AIRPLANES AND NAVY ARE ITS BIGGEST INDUSTRIES

San Diego is accustomed to the Navy. Ever since World War I, it has been the Navy's main Pacific Coast base. Here, when the Fleet is in, the sailors have had their shore-leave fun. And here, when the Fleet is out, the sailors' wives have lived long days of loneliness. Located here is a Naval Air Station, a Naval Training Base, a Naval Hospital, a Destroyer Base, a Naval Supply Depot. At nearby Camp Elliott is a whole division of Marines. Throughout the area in the last year the Navy has spent \$30,000,000, while the number of sailors and marines has grown from 15,000 to 35,000.

But in spite of its size, its importance and its expansion, the Navy is not the chief reason for the San Diego boom. That reason is the aircraft industry, of which the biggest local producer is Consolidated. Until slightly more than a year ago Consolidated was making a small number of big flying boats for the Navy. Now it has a backlog, from the U. S. and England, of over \$685,000,000 worth of airplane orders, and its planes, rolling out at the rate of one a day, are daily flying for the British Navy, bombing Germany for the R. A. F., or patrolling the Atlantic for the U. S. +

Other important airplane producers in San Diego are the Solar Aircraft Co., makers of exhaust manifolds, and the Ryan Aeronautical Co., currently turning out low-winged Army primary trainers. In addition, Ryan operates an Army Air Corps Flying School (LIFE, April 8, 1940).

The Army too in the last year has expanded. Fort Rosecrans on Point Loma, which not long ago languished with 80 men, now has 2,000. And up on Torrey Pines Mesa, Camp Callan has been built to train 20,000 soldiers.



Smart new trailers have been moved into San Diego by U. S. Government to house some of new civilian workers who will not be able to live at Kearny Mesa (p. 65). Trailer inhabitants must share community toilets, laundries. Rent is \$7 a week, not more than two children are allowed.



Laundry at the Naval Training Station is hung up to dry. This post does the same kind of work for the Navy as Camp Callan does for Army. In six weeks, recruits are taught seamanship, naval discipline, naval tactics, then are dispatched either to a Navy ship or a specialists' school.



Like thousands of retired naval officers, Rear Admiral Thomas J. Senn lives in a small house in Coronado, a San Diego suburb. He spends his time gardening, motoring, attending civic affairs.



The Neptune Room of the La Jolla Beach Club is a popular place for young naval officers and their girls to drink and dance. At high tide the surf rolls right over these plate-glass windows.



GEORGIA CARROLL & MARQUERITE CHAPMAN SWIM AT CORONADO HOTEL



On a bench in Horton Plaza, sailors watch the buses come and go, the marquee lights of movie houses flash on and off. They talk of going someplace, doing something. They end up by sitting.

THESE ARE ITS PEOPLE

Shown here are the people of San Diego. Until a year ago, in addition to its missions, the town was particularly famous for its pretty girls. In the late afternoon or evening, it was pleasant to stroll downtown (where many sidewalk curbs have been built level with the streets so that the citizens do not have to step up) and watch the high-school and college girls window-shopping or going to the movies. There were always a few sailors around but not enough to make life hectic.

Today the same pretty girls still live in San Diego, but they have been engulfed by the waves of soldiers, sailors and aircraft workers. In the late afternoon and evening, the streets are a mass of men. Mostly the men stand on street corners, look in shop windows, buy ice-cream cones, sit on park benches. Some of them, still flush from pay day, go to the Hollywood Burlesque theater, to Sherman's Dine and Dance, or maybe to the ball park to watch the San Diego Padres. Wherever they go, they look in vain for excitement, and the scarce commodity among them is always a pretty girl.

Unfortunately, as in most boom cities, what girls there are in San Diego are not anxious to go out with the soldiers and sailors who walk the streets. Instead they seek dates with Army, Navy and Marine officers, who have more money and more prestige. Result is that Society in San Diego is going great guns. Nightly the bars of the El Cortez and U. S. Grant Hotels, as well as the clubs and hotels of La Jolla and Coronado, are jammed with these officers and with the new executives and high-paid workers of the factories. Frequently also they are joined by actors, actresses and directors from Hollywood, down in San Diego to shoot stories on location.

San Diego, however, knows that its problem is not the assimilation of officers and well-paid executives. They have money and will find homes and make their own pleasures. What San Diego must do is to insure good working and living conditions for its new masses of workingmen. Beyond that it must supply inexpensive entertainment for these workers and for soldiers and sailors who walk its streets.



To the beat of a bumpy jazz band, soldiers, sailors and civilians, with a few girls, crowd dance floor of the Rainbow Gardens. In the last year many such joints have sprung up in San Diego.



A movie is almost always being made somewhere in San Diego. Here Warner Bros., using some 1,000 sailors, shoots scenes for *Navy Blues* at the Naval Training Station.



At the burlesque show on Ninth Avenue, a plump girl sheds most of her clothes for an unenthusiastic audience. In the box one tired sailor has almost gone to sleep.

Have You Tried this DIFFERENT Glare Protection?



POLAROID® Day Glasses

Compare with other sun glasses . . . at the dramatic demonstrator! You'll find a new thrill for your eyes at the Polaroid demonstrator where good sun glasses are sold. You'll see details of the view become sharp and clear when you put on AO Polaroid Day Glasses! Dazzling, blurring, tiring reflected glare disappears. It is actually filtered out, with little dimming of the view. Far different from ordinary sun glasses that dim glare and view alike. You get added enjoyment and eye-comfort on road, water, beach . . . and on next winter's ice and crushed snow.

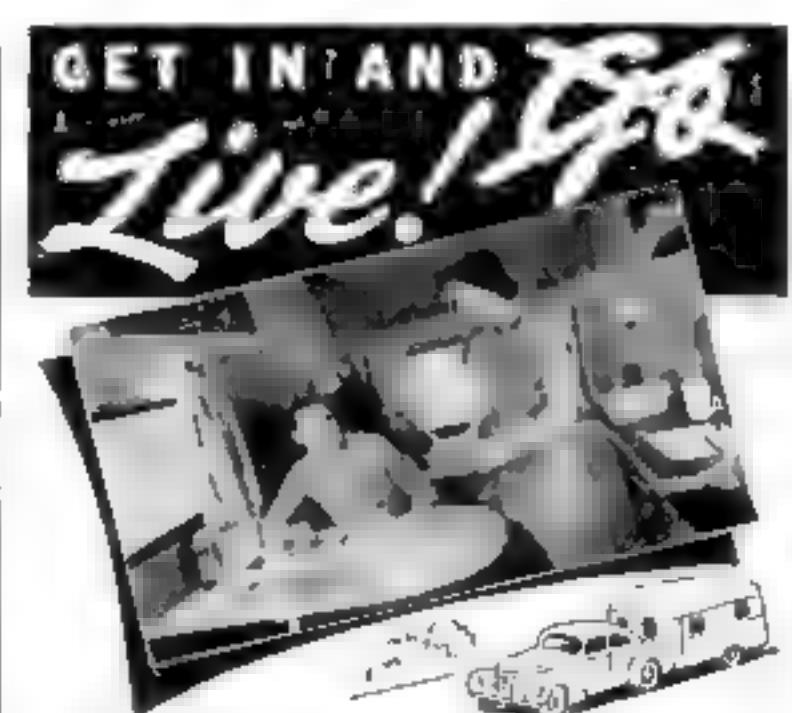
If you wear glasses, you may have curved Polaroid lenses ground to your prescription. Also ask to see AO Caliber or AO Cool-Max Sun Glasses that absorb both infrared and ultra-violet rays.

AMERICAN OPTICAL COMPANY
World's Largest Makers of Ophthalmic Products, Southbridge, Mass.

A MARK OF IDENTITY

ADVERTISED IN
LIFE

For your convenience . . . this mark of identity in a store quickly calls attention to LIFE-advertised products.



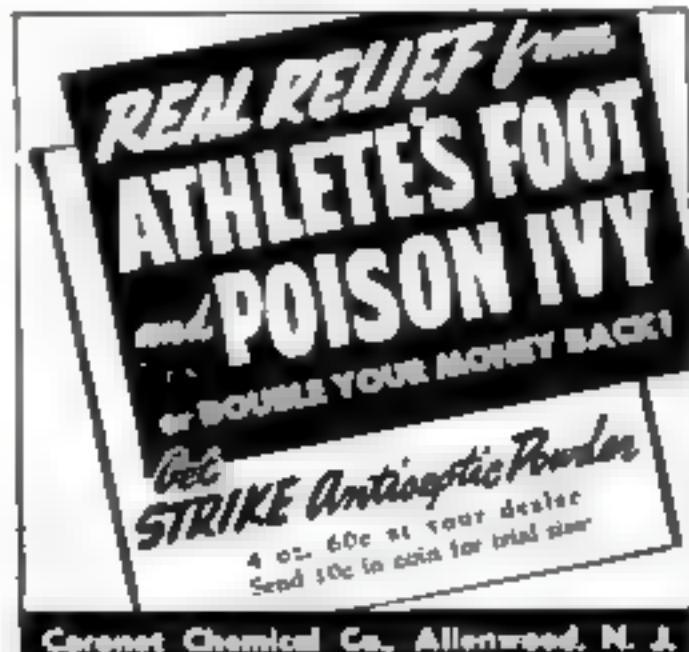
SCHULT—last word in a real home on wheels—offers roomy, attractive living quarters with every convenience. No matter where you go (or stay), you can live in comfort. Completely furnished, no high rents to pay. And a Schult cuts travel costs to the bone.

SCHULT LEADS THEM ALL

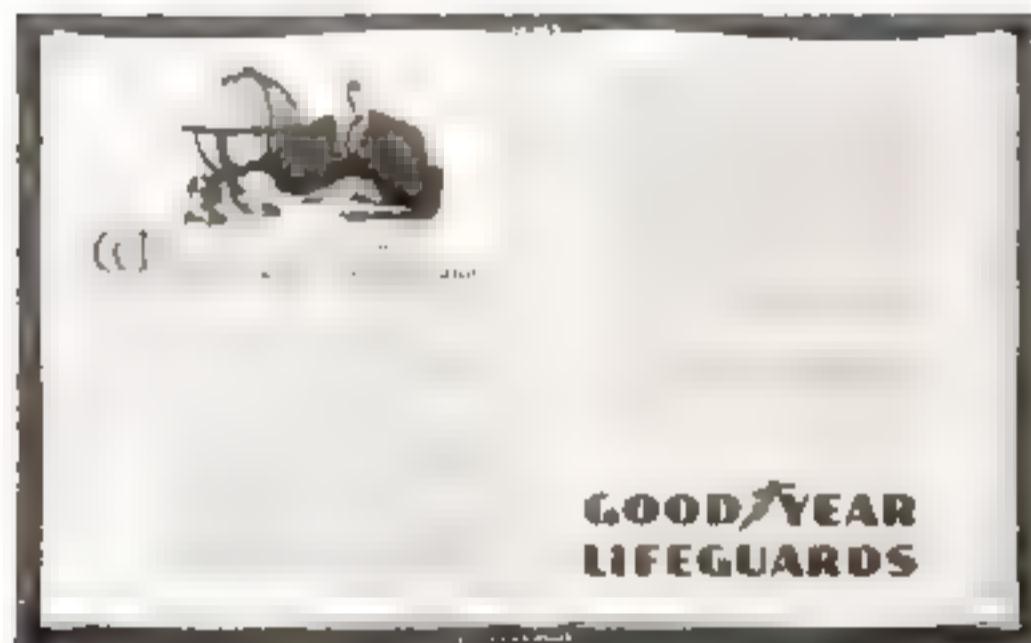
SCHOOL LEADS THEM ALL

Write
1981 EEE
CATALOG

For more information, call toll-free number 800-221-1073.
Or write to:
SCHOOL LEADS THEM ALL
P.O. Box 11111
Tampa, FL 33634-1111



A Report and Recommendation *to American Motorists*



GOOD YEAR
LIFEGUARDS

THREE years ago we announced what I consider the most important of all Goodyear's contributions to motoring. This was the Goodyear LifeGuard, the tire within a tire that prevents sudden collapse from a blowout or other injury.

At that time, in a published statement, I said: "For 40 years I have been supervising

the design and production of approximately three hundred million pneumatic tires for automobiles, increasing their comfort and reliability, and reducing their cost per mile to a mere fraction of what it was a few years ago. But only with the introduction of the LifeGuard have I ever felt that we have made the pneumatic tire absolutely safe at all speeds."

That was a strong statement. Now, three years later, I can tell you how LifeGuards have lived up to expectations.

The Report

Since this statement appeared, hundreds



GOODYEAR

THE GREATEST NAME IN RUBBER

TAKING THE DANGER OUT OF TIRE BLOWOUTS WITH **LIFEGUARDS**



of thousands of cars have been equipped with LifeGuards.

I am proud to report that in countless millions of miles of highway travel there is not a single recorded case of a LifeGuard failing to function in an emergency.

A great many people have written us, saying they owe their lives to the LifeGuard because it carried their car to a safe stop after a tire failed at high speed.

Thus have LifeGuards fulfilled the promise that they would make any tire safe at all

How the LifeGuard functions is explained by P. W. Litchfield to some of the thousands of visitors to the exhibit of Goodyear products for national defense, recently shown from coast to coast.

speeds and under all conditions—for the full life of the tire.

The Recommendation

Today the emergency confronting the nation provides a new reason why the use of LifeGuards is important. It is to help America conserve rubber.

To quote again from the original LifeGuard announcement: "The older a tire gets, the more liable it is to sudden failure. For this reason tires are often discarded before they have performed their full mileage, and there is hesitancy to retread tires for fear of weakness in the cord fabric."

But now American motorists must get full mileage from their tires. They should retread—to save rubber.

Therefore, I want to recommend that you equip the tires now on your car with LifeGuards. With their protection, there is no need to discard tires when the tread wears smooth.

If you have LifeGuards, tires may be driven far longer than normally—without danger from blowouts. And when treads wear off, there is no need to hesitate about having tires retreaded, if the carcass is sound. For with the same LifeGuards inside, a set of retreaded tires can be safely driven nearly as far again.

Thus, apart from conserving rubber for national defense, the use of LifeGuards contributes to economy.

Those who equip their tires with LifeGuards now, will make sure of getting maximum mileage and useful life from every carcass. And most important of all, as we have often said before, "you can't get better protection to save your life."

*Chairman of the Board
THE GOODYEAR TIRE & RUBBER COMPANY*

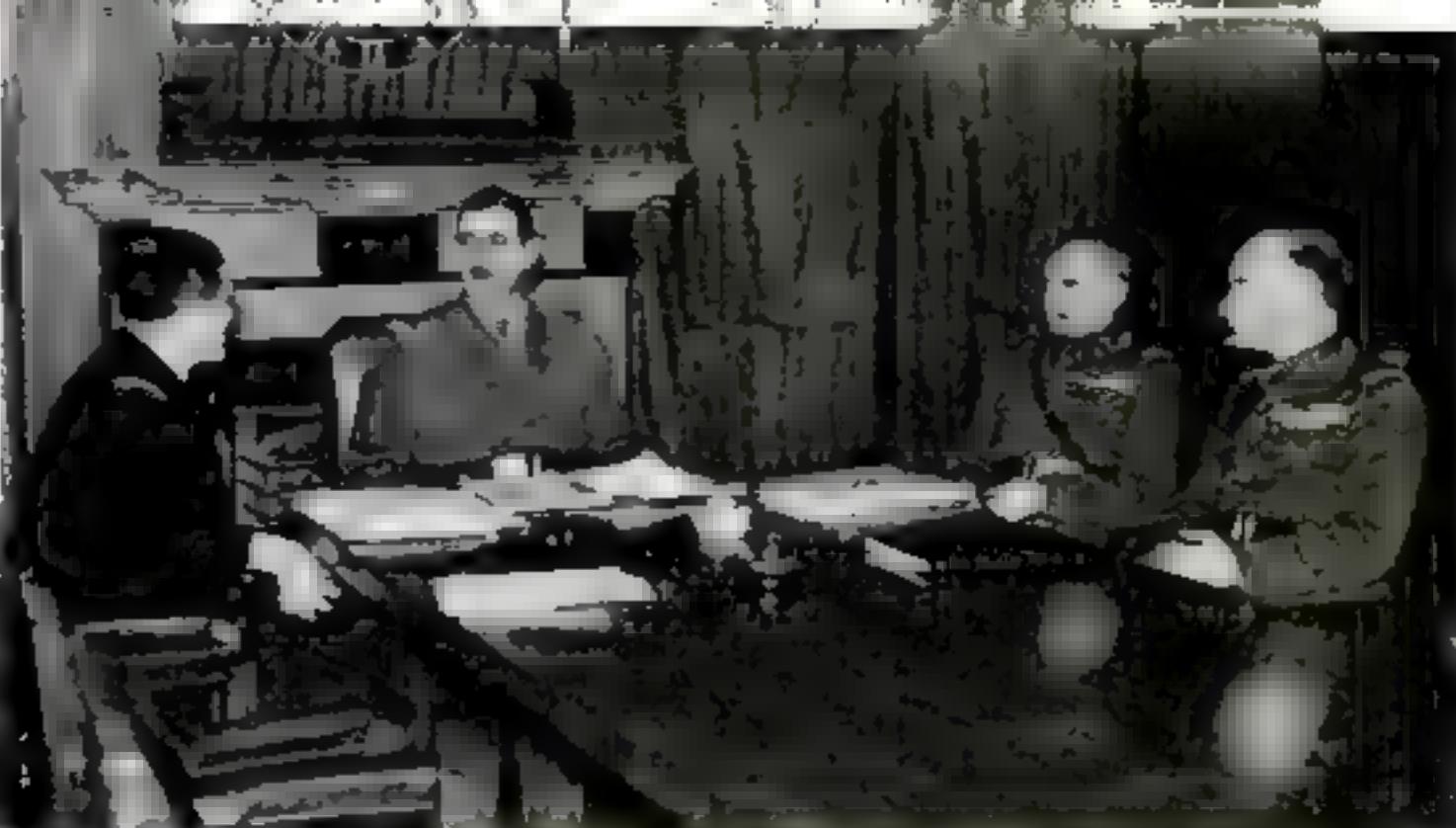
CLOSE-UP



General De Gaulle at the desk of his London headquarters



At Brazzaville, the capital of Free French Equatorial Africa, De Gaulle arrived to inspect his forces last winter. As sleeping sickness was prevalent, the aide at right carried a Flit gun.



In London De Gaulle presides at staff conference with Vice Admiral Muselier (left) and Generals Eon and Le Gentilhomme. Room was formerly board room of a large English paint concern.

DE GAULLE



FREE FRENCH PENNANT

Last week the Free French under General Charles De Gaulle won their first great success of the war. Helped by their British allies, they had forced the Vichy French to surrender Syria at the end of a sluggish but successful 33-day campaign. De Gaulle himself had supervised the campaign, keeping in touch from his Cairo headquarters with his good friend General Georges Catroux, Free French commander in the field. Later De Gaulle had flown to Brazzaville, mosquito-infested capital of the growing Free French colonial empire in Africa. There last week, in the first broadcast by De Gaulle to the U. S., the leader of all Free Frenchmen aptly recalled: "In the world's history the greatest deeds of the greatest peoples have been their struggles for freedom."

The rise of the Free French movement is clearly one of these "deeds." Not since Hitlerism itself arose out of the quagmire of the Kaiser's defeat has a nationalist movement in Europe arisen from a greater catastrophe. Although they stand for precisely the opposite ideals, Hitler and De Gaulle both refused to admit that their countries were licked. Twenty-one years ago Hitler was a politician without a party. One year ago De Gaulle was a general without an army. Like Hitler in his fight against Versailles, De Gaulle started almost from scratch in his fight against Compiègne.

On the morning of June 17 a year ago, General De Gaulle arrived in an R. A. F. plane at Croydon, near London, after a hurried flight from Bordeaux. In his hand he carried a briefcase.

With him he also brought a leather suitcase, stuffed with all the possessions that he had been able to salvage from the wreck of France—an extra uniform, a pair of shoes, pajamas, a change of shirts and underwear, a toilet kit and a portrait photograph of his wife Yvonne.

Early that afternoon De Gaulle saw Winston Churchill. Their acquaintanceship was only nine days old, but the hatred they shared toward Nazi Germany went back some seven years. As the Frenchman explained to the Prime Minister, France was about to sign an armistice with the Nazis. He could not concur and had come to England to continue the fight. "France," he said with passionate conviction, "has lost a battle. But France has not lost the war."

After his talk with Churchill, the first Free Frenchman visited the five rooms set aside for his use as headquarters in St. Stephen's House, a desolate administrative outpost which normally served as a purgatory for minor British officialdom. Except for pens, pencils, ink, blotters and a sheaf of British War Office stationery, the offices were bare, lacking such necessities as telephones, typewriters, secretaries and ash trays. In the office which De Gaulle chose for himself, a rug, a wooden desk with a swivel chair and two straight-backed chairs for visitors formed an uncomfortable oasis in the middle of an administrative desert. De Gaulle sent his aide-de-camp to a cartographer to buy two maps which he later proceeded to tack up along the barren walls. One was a map of France. The other was a map of Africa, with France's great colonial holdings marked in a brilliant and challenging red.

One year has now passed since the modest

arrival of General De Gaulle. Today his permanent London headquarters take up one of the largest and most comfortable seven-story office buildings in the city. Of France's colonial empire, second greatest in the world, over a third has come back into the war against Germany under De Gaulle. On land more than 50,000 French and colonial troops are fighting the Axis in Africa and the Middle East. All are volunteers. Many escaped from Vichy-held territory at the risk of death or imprisonment. Some trekked across desert country, others flew stolen airplanes, a few even crossed the English Channel on rafts to join the Free French. Almost all sacrificed families, homes and positions in France to continue the war against Hitler. In the skies 1,200 Free French airmen are battling the Luftwaffe. On the seas 99 merchantmen, representing a quarter of France's pre-armistice tonnage, are carrying supplies and troops for the Allies. In 69 cities throughout the world De Gaullist organizations have sprung up. Fighting Hitler from English ports is a Free French navy of 21 warships and countless auxiliaries, under the double-barred Cross of Lorraine which De Gaulle chose as his pennant and under which Joan of Arc fought to liberate France from another invader five centuries ago.

The reaction of the Vichy government to these activities has been to revoke De Gaulle's citizenship, condemn him to death *in absentia* as a "traitor" and "deserter," and, according to Swiss reports, to have placed a price of 5,000,000 francs on his head. To add insult to injury, the court-martial which sentenced him to prison (and death) last August also fined him 100 francs. This sum is roughly \$2.30. De Gaulle has no intention of paying it.

CONTINUED ON NEXT PAGE

In Cairo this spring De Gaulle planned the Syrian campaign with General Wavell (left), General Catroux (back to camera), R. A. F. Marshal Longmore (right) and Major General Spears.



With Lady Lampson, vivacious wife of British Ambassador to Egypt, De Gaulle attended a garden party in Cairo following his inspection of Free French Troops who had fought in Eritrea.



FROM
Florida and California
 COME THESE IDEAS FOR WONDERFUL
SUMMER DRINKS



RONRICO

The last word in a Cuba Libre! Jigger of Ronrico Gold Label (or Red) in a highball glass, cracked ice and fill with Coca Cola. Add juice of half lime, if desired.



**RONRICO FROSTED
WEST INDIES**

The original frosted cocktail featured by all good bars. 1 teaspoon sugar, juice of whole lime, dash of White Matsucho, 1 1/2 oz. Ronrico White Label, 6-oz. cup of finely cracked ice. Blend in electric mixer at high speed until frappé. Serve in saucer champagne glass.

RONRICO COLLINS

Makes a Tom Collins ashamed of itself! Dissolve teaspoon sugar in juice of 1/2 lemon in highball glass. Add 1 1/2 oz. jigger Ronrico White Label, cracked ice, fill with club soda and stir.



RONRICO AND SODA

A new taste thrill for whiskey and soda fast Jigger of Ronrico White Label in 8-oz. highball glass; cracked ice and fill with soda. Many like a twist of lemon or lime peel. Ronrico is also delicious with plain water or ginger ale.

How many have you tried?

The vogue for these newer drinks and improved versions of old ones started at famous bars and among the winter visitors to Florida and California.

You must taste them to appreciate the difference—to realize how much smoother and mellower almost any drink becomes when it's made with Ronrico Rum.

For that's the secret—the extra refreshing flavor Ronrico adds, the smoothness it guarantees. This mellowest of rum . . . distilled in Puerto Rico . . . is the best rum—bar none. Try Ronrico in your next drink and taste the improvement. Not only smart, but inexpensive.



WHITE LABEL (extra dry) and GOLD
LABEL (dry), each 86 Proof. RED LABEL
90 Proof. PURPLE LABEL 151 Proof.

Write for "THE RUM CONNOISSEUR", colorful booklet of delightful drinks and food recipes. Enclose 10c for handling—or get a copy free at nearest liquor store. Address: RONRICO CORPORATION, Miami, Florida.

DISTILLED AND BOTTLED BY PUERTO RICO DISTILLING COMPANY, ARECIBO, P.R.
U. S. REPRESENTATIVE IMPORT DIVISION, McKESSON & ROBBINS, INC., N. Y. C.

DE GAULLE (continued)

For his part, "Le Général" regards Frenchmen like Laval as "traitors." As for Marshal Henri Pétain, De Gaulle considers him beyond salvage. When an aide half-humorously suggested that Pétain might eventually die of shame, De Gaulle remarked: "No one dies of shame at the age of 85."

When he was "horribly devilish"

That De Gaulle should be the object of such intense hate and such loyal devotion is not suggested by his early life. He was born 50 years ago in Lille. From his father, a professor of Philosophy and French Literature at the famous Jesuit College in Paris, he acquired an early taste for philosophy and he still reads scraps of Schopenhauer, Nietzsche, Hegel and Montaigne before retiring. As a child Charles André Joseph Marie de Gaulle was, in the words of a relative, "very devilish, horribly devilish."

It was also as a child, fighting battles with lead soldiers on the bedroom floor, that "Le Général" evinced his first interest in military affairs. Although no observers were present to record the tactics which young Charles used, his lead soldiers always represented the French Army and he invariably blitzed the bedroom forces of his brothers. At the age of 20 it was therefore almost inevitable that he should enter St Cyr, France's West Point. Because of his height De Gaulle was occasionally known by his classmates as "the tall asparagus" and because of his high scholastic standing, he was allowed to select the regiment to which he wished to become attached upon his graduation in 1912. He was then a second lieutenant and he chose the 33rd Infantry Regiment because of his admiration for the colonel in command. The colonel was Henri Philippe Pétain.

When the first World War broke, De Gaulle was wounded at Dinant, Belgium on August 15, 1914. He was wounded again the following March and in 1916 was wounded a third time and taken prisoner. In absentia he was awarded the Croix de Guerre, with the following citation: "Officer distinguished for his high intellectual and moral standards. On March 2, 1916, at Douaumont, with the enemy attacking his battalion from all sides following a terrific bombardment, he roused his company to a counter-attack, fighting furiously in hand-to-hand combat, which was the only method of escape which he considered compatible with the Army's tradition of honor. Was badly wounded in the fight. As an officer he is incomparable in every respect." The officer who read the citation was General Henri Philippe Pétain.

For the next 32 months De Gaulle was a German prisoner. Five times he escaped, only to be recaptured a few miles away each time. After the war the French awarded him a relatively rare Médaille des Évadés—medal of escape. Looking back on his five abbreviated escapes, "the tall asparagus" good-naturedly complains today: "I was so tall that they couldn't help seeing me miles away."

After the Armistice De Gaulle was sent to Warsaw to help the Poles defeat the Bolsheviks. His superior was General Maxime Weygand. Returning to France, he became professor of military history at St Cyr and shortly afterwards a student at the Staff College. As part of his studies, De Gaulle was sent to Grenoble on field exercises and told to command the Blue forces, representing France, against an invading Red group, representing Germany. Because of De Gaulle, the maneuvers were among the strangest in French history.

The purpose of all maneuvers is to confirm in the field the classroom lessons of the previous year. In the case of the French Staff College, students were taught that the goal of defensive warfare is to maneuver the invader into a previously fortified area—a *compartiment de terrain*—in which the preponderant firepower of the defender will annihilate the invader. Hence, the Maginot Line. But as De Gaulle used to argue: "What happens if the enemy refuses to be drawn into a *compartiment de terrain*?"

At Grenoble, therefore, De Gaulle put his own novel ideas to the test. Instead of gripping all initiative in his own hands, he allowed his staff wide latitude. Instead of sprinkling his tanks and armored cars along the entire front, he concentrated them into one solid force. Finally, in direct contravention to everything he had been taught, he attacked the invading Red forces without waiting for them to attack him. The maneuvers ended somewhat dizzily a few days later with the Red forces in retreat and De Gaulle's Blue forces advancing into Red territory.

News of the young major's unorthodox success created a scandal in military circles and finally reached Marshal Pétain himself. Although the Marshal was aging, he was still young enough to spot talent when he saw it and he arranged that De Gaulle should give a series of lectures to his classmates at the Staff College. The Marshal

CONTINUED ON PAGE 77

MY MOM'S A SMOOTHIE ON SALADS LIKE THIS!

PICNIC POTATO SALAD WITH **REAL MAYONNAISE**



Why the Mayonnaise Makes So Much Difference in the Way This Potato Salad Tastes!

IT'S REAL MAYONNAISE—the hearty kind made with only freshly broken eggs, cold oil, sticky cream, salad oil, vinegar, pepper—it's nothing. No thickening with flour—not a starch filler of any kind! The added egg yolks help give it a genuine rich "body," making it creamy, not watery, when thinned with water, and it keeps its flavor, even

IT'S REALLY FRESH! It's the new "air-canned" "FRESH-PRESS" Salad Oil which we ourselves press fresh each day—and it's delicious! You've probably never tasted a more pure fresh Salad Oil! It is the result of **Real Mayonnaise—double-whipped** by a unique process which locks every particle of oil into the egg yolk. It has such a zestful flavor, free from acidity.



PEGGY GETS A POINTER ON SALADS FROM BOY-FRIEND'S CLEVER MOTHER!

YOUR SON AND HIS DAD
AGREE, MY DEAR, THAT
YOU KNOW THE FOOD
TO TAKE ON PICNICS!

I'LL SAY! THIS
SALAD IS LUSH!
WISH I COULD MAKE
IT! BUT THIS DIVINE
DRESSING WOULD BE
TOO HARD
FOR ME,
I GUESS

NO IT'S THE EASY
PART PEGGY YOU
GET IT AT THE GROCER'S BUT
YOU MUSTN'T SAY "SALAD
DRESSING," YOU KNOW ASK
FOR REAL MAYONNAISE!

HELP! WHAT'S THE DIFFERENCE
BETWEEN "SALAD DRESSING"
AND **REAL MAYONNAISE**?

THERE'S NO STARCHY
FILLER IN **REAL**
MAYONNAISE PEGGY.
IT'S ALL **MAYONNAISE**!
THAT'S WHY IT HAS
SUCH CREAMY TEXTURE
AND SO MUCH RICH,
REAL FLAVOR!

O-BOY, WILL I GET
REAL MAYONNAISE
TOMORROW! AND MAY
I HAVE YOUR POTATO
SALAD RECIPE?

CERTAINLY,
MY DEAR,
HERE IT IS

PICNIC POTATO SALAD

Lightly mix together potatoes, scallions, celery, onion, lettuce and romaine with **Real Mayonnaise**. Place in refrigerator to allow **Real Mayonnaise** to blend and develop the flavors of these many ingredients. This makes your salad amazingly more appetizing. Carry salad to picnic in covered bowl or bag (Save your empty **Best Foods Real Mayonnaise** jar for this purpose.) Arrange salad on romaine or other greens in salad bowl. Garnish with egg slices and radishes. (as illustrated). Serves 6.



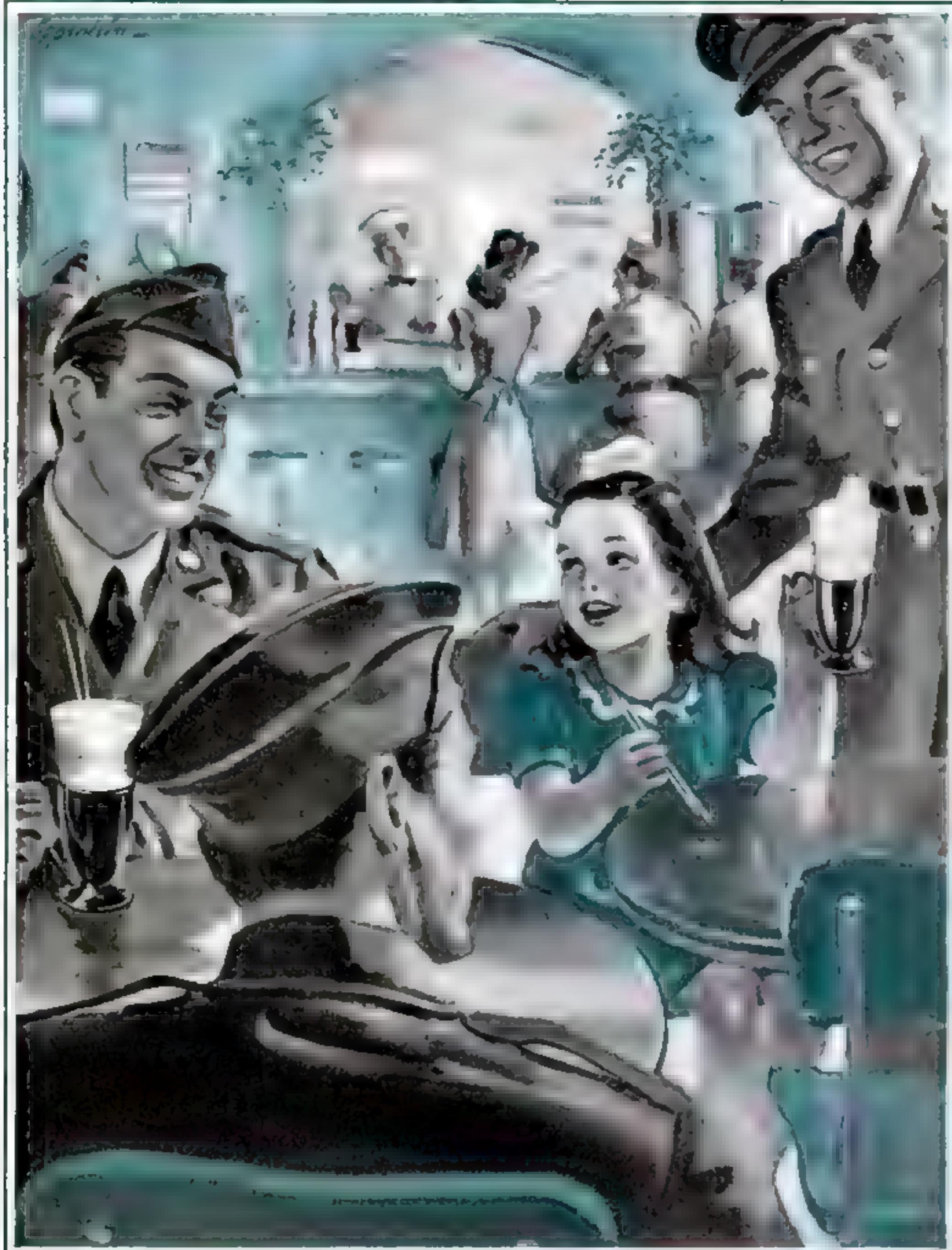
BEST FOODS → HELLMANN'S
Real Mayonnaise



IN THE WEST
IN THE EAST



*"Soldier man,
why do they serve
our sodas
in Dixies?"*



TO keep us well, youngster! Uncle Sam's taking no chances on our catching something from somebody else's glass."

Mouth-to-mouth contagion from public drinking utensils can only be checked by sanitizing with intense heat or chemicals—and that takes time. Merely dousing in soap and hot water is not enough.

That is why fountains near Army camps are being urged to serve in paper cups to protect the health of our soldiers. For each Dixie Cup is used but once and thrown away.

What's good for the health of the Army is good for the general public, too. That soda fountains are swinging to individual service in Dixie Cups is significant of the general awakening to the importance of our national health.

THE DIXIE-VORTEX COMPANY
EASTON, PA. • CHICAGO, ILL. • TORONTO, CAN.

DIXIE CUPS

In offices and factories, Dixies protect the health of workers from mouth-to-mouth contagion when drinking water.

At soda fountains, restaurants and milk bars they assure you of protection against careless glass washing.

For parties, at home or outdoors, they are the convenient way of serving hot and cold drinks, salads, etc.

For meals in your office or on the job, leading restaurants and fountains use Dixies for all their "carry-out" orders.

Food manufacturers use them for packing ice cream, cottage cheese, butter, and many other food products.



DIXIE CUPS are safeguards of health at all times...everywhere. In the office, in the shop, in public places, at soda fountains, on trains and airplanes, the common drinking vessel is a thing of the past. The expanding uses of Dixie Cups are but an indication of the trend of the times.



HOT DAN THE MUSTARD MAN

SUCH PLEASANT TASTES
AND SNAPPY SIGHTS
ALONG THE SUMMER
SHORE—HOT DOGS
WITH GOLDEN FRENCH'S
AND PRETTY
GIRLS GALORE!



MILLIONS PREFER
IT—IT'S CREAMIER—
IT'S SMOOTHER—
LARGEST SELLING
PREPARED MUSTARD
IN U. S. A. TODAY



Cocomalt

Was Tested For Nutritional
Value *The Hard Way*

In tests supervised by physicians, COCOMALT was studied in three distinct groups of people.

A.

COCOMALT was given to rundown children in camp.

B.

COCOMALT was given almost immediately after tonsil operations.

C.

COCOMALT was given to infirm old people.

In A group children gained weight and red blood cells were improved; in B group throats were eased and after-effects lessened; in C group old folks found they could tolerate milk more readily and gained weight.

For all ages, COCOMALT WITH MILK is a delicious and well-balanced food drink. It contains vitamins A, B, D and G and the minerals — calcium, phosphorus and iron. Your doctor can tell you about COCOMALT. At your grocer's or drug store. Or write Dept. LF-7, R. B. Davis Company, Hoboken, New Jersey for a trial package.

Cocomalt

The Enriched Food Drink



DE GAULLE (continued)

himself shattered precedent by attending De Gaulle's opening lecture.

When De Gaulle graduated from the Staff College, Pétain asked him to become a member of his personal staff. Following his second close association with Pétain, De Gaulle served a stint in the occupied Rhineland and in 1929 was sent on secret tour of French defenses in the Near East. On his return Major De Gaulle was appointed general secretary of the Superior Council of National Defense. From this vantage point he was able to observe the state of French defenses between 1932 and 1936, as an explorer is able to observe an outlying plain from a lofty plateau. What he saw gave him cause to pause and in 1932, with the publication of his first book *Au Fil de l'Epée* (known as "The Philosophy of Command"), he took the first step that eventually led him to break completely with the traditional philosophy of the French High Command.

The Philosophy of Command emphasized individual initiative and the ability to seize opportunities as the pre-requisite qualities of a successful commander at a time when the French High Command taught that battles should be fought according to plan, not circumstance. In 1934 the young major followed up this opening ricochet with a thundering salvo, entitled *Vers l'Armée de Métier*, whose repercussions are still being felt.

Published last April in the U. S. as *The Army of the Future* (Lippincott, \$1), it is the classic work on mechanized war and the most prophetic book written before the present war. "Tomorrow," De Gaulle wrote, "the professional army will move entirely on caterpillar treads. Not a man, not a gun, not a shell, not a piece of bread, will be transported in any other way." By professional army he had in mind a corps of 100,000 troops, trained to fight as a unit with tanks and armored cars capable of racing "about the battlefield at a surprising speed." Without such an army, warned the young major in 1934, "there can be no French defense." The Maginot Line "is very limited in depth and leaves northern France exposed," while the defensive psychology which nurtured a Maginot Line "will defeat France."

If this general forecast of the present war suggests a picture of the armored German divisions which overran northern France and flanked the immovable Maginot in the spring of 1940, De Gaulle's more specific forecasts proved equally prophetic. He hinted that Belgium might someday be prevented "from committing herself completely." He prophesied that the next German invasion of France would come, as it did, toward "the sources of the Oise, the worst flaw in our frail defenses." This area coincides with the region behind the gap at Sedan which the Germans opened up through the Ardennes Forest on May 13. When the panzer divisions cracked

CONTINUED ON NEXT PAGE



Free French hero in Syria was General Philibert Collet. Wounded twelve times in World War I, he deserted Vichy's Syrian army to join the forces of General De Gaulle.



AND ONLY IN A

BUXTON

"Safety Loop" Key-Tainer
DO YOU GET

Double HANDINESS
Double SAFETY



UNIQUE "SAFETY LOOP"
Keys can't come off (they're locked in at both ends). Yet both Key and Loop are removable with a flick of your thumb . . . or lock back automatically. Swivel motion gives free action in turning Key.

FREE KEY-RETURN SERVICE
Originated by Buxton in 1928, has returned thousands of lost keys to grateful owners . . . and rewarded finders at Buxton's expense. A valuable "plus" feature on most Key-Tainer models . . . mighty fine if you ever lose yours!

MODELS FOR EVERY USE — Rugged leathers for men—smart colors for women. 2 Loops, 4, 6 or 8—enough for all your keys. Snap-button or Zip-Tainer models. You'll like the handiness from the start, but it may be some time before you realize how safe your keys are. Prices from 50¢ to \$5. Write for Buxton Gift Book. FREE. Buxton, Inc., 4121 Orleans St., Springfield, Mass., or Dept. A, 47 West 34th Street, N. Y. C.

Buxton
KEY-TAINERS • BILLFOLDS • POCKET CASES

IDEAL FOR SOLDIERS,
SAILORS, FARMERS AND YOU



**THE ONLY PORTABLE RADIO
GUARANTEED TO PLAY WHERE
OTHER PORTABLES FAIL...
OR YOUR MONEY BACK**

AT HOME OR AWAY, THE YEAR 'ROUND COMPANION

A most remarkable invention...the Patented Movable Wavemagnet in this new portable radio which you can carry in one hand, self-powered with a light, one-piece battery pack. Ordinarily it works without outside aerial, outside wires or ground.

LISTEN WHILE YOU TRAVEL ...PLAY...OR WORK

Take this wonder portable where ordinary portables will not work efficiently; in a train, airplane, bus, ship, auto or any window building where metal construction keeps out reception. The secret of why it works while others fail is in the Patented Movable Wavemagnet, exclusive with Zenith.

Check up on your next train trip. See how many Zeniths are playing well...and how many other makes fail to do so. Your money back if Zenith fails.

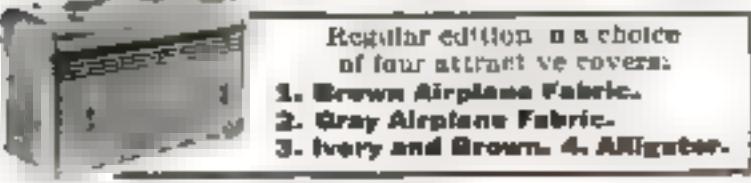
WORKS ON LIGHT SOCKET OR BATTERY

If you want to save your battery, plug into any light socket...110 volt AC or DC.

Under No Other Name But Zenith...

...can you obtain this radio or a portable that is hot, and does so many things! Patented Wavemagnet—built-in yet movable combination battery and lighting current operation—loudspeaker and earphone reproduction—adjustable to varying conditions—reception at home or travelling. Don't buy until you see and hear the Zenith Universal Portable at authorized Zenith Dealers everywhere.

Deluxe Edition in genuine cowhide...priced slightly higher than regular airplane cloth cover.



*Western prices slightly higher.



The Free French army began with a few thousand troops, whom De Gaulle inspected in London a year ago (above). These men had returned to England from Norway and when France suddenly collapsed they decided to remain in England and join De Gaulle.

DE GAULLE (continued)

through the Ardennes in 62 hours, Gamelin for one must have remembered De Gaulle's warning in 1934 that the so-called natural defenses of the hilly Ardennes were "appreciable but not very deep obstacles...which a slight error, surprise or neglect would be sufficient to lose."

The clarity of the major's views did not end, however, with the possibility of a German break-through. With some future June 14, 1940 in mind, he wrote that "each time Paris was taken during the last century, French resistance crumbled within an hour." For a Frenchman, he took a remarkably judicious view of the true nature of morale at a time when it was fashionable to speak of morale as though it represented a tangible weapon like 1,000 tanks. "Neither bravery nor skill can any longer achieve anything except as functions of equipment," wrote De Gaulle, and of his countrymen in particular he noted that their chief traits were "enthusiasm and weakness, equally precipitous, plenty of passion but little constancy."

Hindsight now proves De Gaulle's accuracy as a crystal-gazer. Unhappily, like most prophets, he went unsung in his native land. Pétain brushed his book aside as "witticisms." Weygand called it "an evil criticism." The book sold under 1,500 copies and most of them had to be given away.

In Germany, however, De Gaulle's views were welcomed. In 1939 General Heinz Guderian, who a year later led the two German panzer divisions which broke through at Sedan, wrote a book called *Achtung, Panzer!* in which he liberally quoted from De Gaulle's book and acknowledged his indebtedness to its author. As early as the Nuremberg Party Congress of 1934 Philippe Barres, then foreign editor of *Le Matin* in Paris, had a talk in the presence of Hitler with Adolf Hühnlein, chief of the Nazi Party motor corps. Hühnlein asked, "And what is the great French tank specialist doing?" When Barres admitted ignorance, Hühnlein continued, "Why, I mean De Gaulle, the man who taught us everything." Like millions of other Frenchmen, Barres has since come to know and appreciate De Gaulle. The first lengthy biography of the Free French leader will be published in New York this summer by Doubleday, Doran. It was written by Philippe Barres.

The fateful vote in the chamber

One influential Frenchman, however, had an early appreciation of De Gaulle. He was Paul Reynaud and he soon became the major's political mouthpiece.

In March 1935 a bill sponsored by Reynaud and calling for the creation of ten armored divisions was therefore introduced before the Army Committee of the Chamber of Deputies. The bill did not receive the support of a single French general. A few weeks later the fateful Committee vote was taken. In effect it was to decide whether or not France was to have a mechanized army to cope with the Germans in 1940. The vote, held in secret, was against the bill.

Four years now remained before the start of the war. Although De Gaulle was promoted to the rank of lieutenant colonel, his position as commander of a tank regiment at Metz in 1937 was far from the center of influence and he had no say in the Munich agreement, which he opposed. He visited Germany several times to keep tabs on the prospective enemy and each week studied Nazi military journals. Following the old German precept—"Before everything else, learn the language of your enemy"—he purposely allowed his knowledge of English to lapse and concentrated on his German.

At the start of the war De Gaulle was made a colonel in command of a crack tank brigade attached to the Fifth Army in Lorraine. As the blitzkrieg in Poland petered out into a "sitzkrieg" in the West, the French felt daily more confident behind their *compartiments de terrains*. This tranquility was suddenly shattered on Jan. 26, 1940 when

When your Stomach is



Does excitement, improper diet, or the nervous pace of modern life upset your stomach? Don't make the mistake of adding to the trouble with overdoses of antacids or drastic, irritating physics.

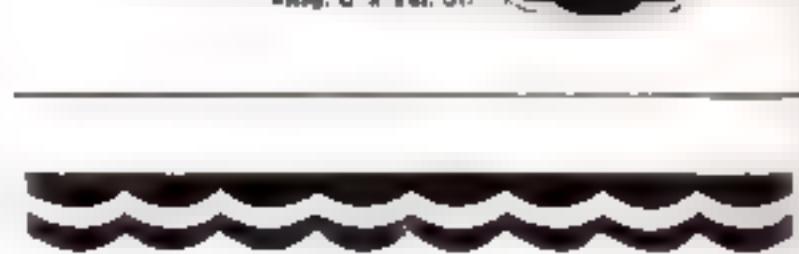
Quiet and soothe your stomach with Pepto-Bismol, a non alkaline, non laxative preparation that quickly helps relieve your stomach distress and aids in retarding intestinal fermentation, gas formation and in relieving simple diarrhea.

In two sizes—at all druggists. Or by the dose at drug store fountains.

Pepto-Bismol

By the Makers of Linimentine®

Norwich



FOR SUMMER

IT'S IDEAL

and Plenty of Cool, Fresh Water

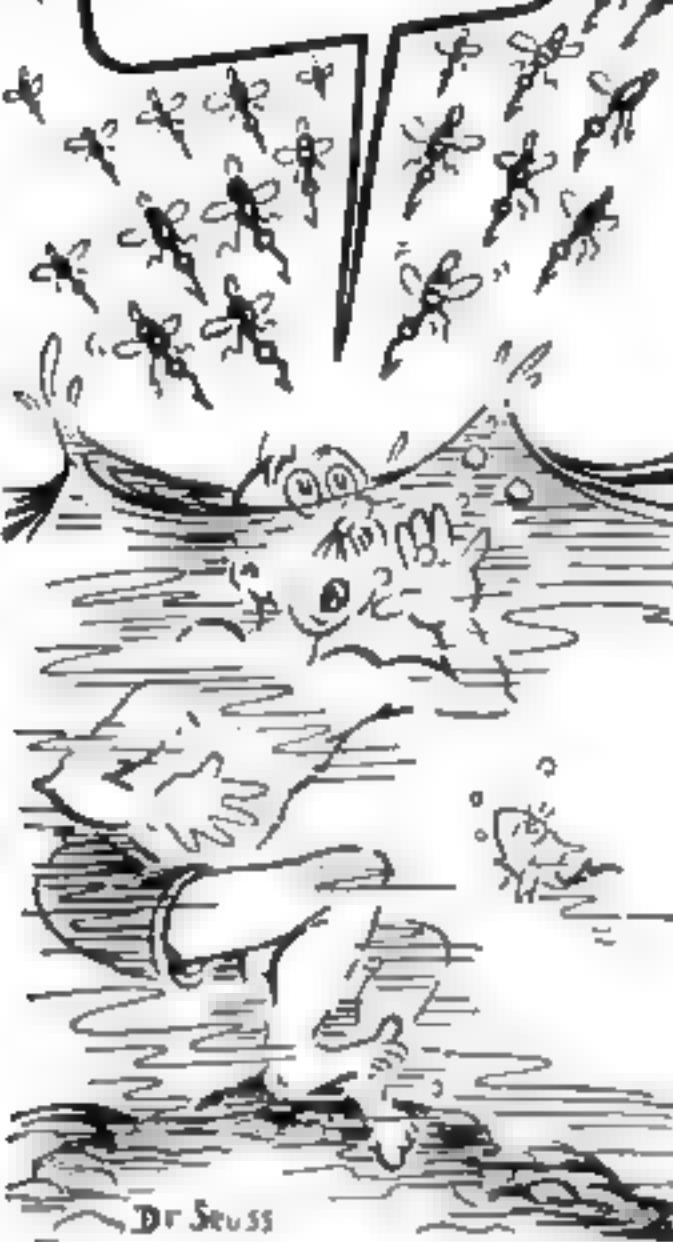


MENDS' MOST ANYTHING

Iron Glue mends wood, glass, china, toys, leather, most anything. ½ pt. to 1 gal. cans or 10¢ bottles with new lever-lift top, always easy to open and close. McCormick Sales Co., 408 Light St., Baltimore, Md.



QUICK, HENRY,
THE FLIT!



Mosquitoes take a nose dive after FLIT hits them. FLIT really kills 'em. That goes for flies, moths, roaches, ants, gnats. Yet, potent as it is, FLIT spray smells nice, won't stain. Get FLIT today.



Copr. 1941, Flitco Inc.

FOR GOOD
PICTURES
argus
ann Arbor Michigan

FREE "CHOOSING
YOUR CAMERA"
Write for this 32 page booklet

IF YOU WANT
to subscribe to LIFE, write to
F. D. PRATT, Circulation Manager
LIFE—330 East 22nd Street
Chicago, Illinois
AND ENCLOSE \$4.50

STOP Scratching Relieve Itch Fast or Money Back

For quick relief from itching of eczema, pimples, athlete's foot sores, scabies, rashes and other externally caused skin troubles, use world-famous, cooling, anti-septic, liquid D.D.D. Prescription. Greaseless, non-nursing. Soothes irritation and quickly stops intense itching. 35c trial bottle proves it, or money back. Ask your druggist today for D.D.D. PRESCRIPTION.



At Dakar last September De Gaulle withdrew aboard a Free French transport (above) after three days of hesitant fighting. Expedition was a flop, caused largely by the duplicity of Dakar's governor who asked Free French to come, then fired on them.

a voice cried out once again, this time from the wilderness of Lorraine. In a secret 17-page memorandum, submitted to Gamelin, Daladier and 24 others, De Gaulle insisted: "The Maginot Line, however reinforced, can be crossed. . . . The defender who limits himself to resisting in a fixed position with antiquated weapons is doomed to disaster." Like his earlier warnings, this final one went unheeded. One French general who turned it down was Henri Dentz. Recently De Gaulle had the satisfaction of having Dentz, as Vichy High Commissioner of Syria, capitulate to him.

Everyone now knows what happened: how in May, 1940 the Germans had 12 armored divisions and the French had three; how, with the war quickly shifting from one of position to one of movement, France finally called upon her non-conformist son. On May 15 De Gaulle was made a general and given command of a hastily assembled 4th Armored Division, after France's previous three had already been frittered away or destroyed. He was 49 and the youngest general in France.

The next day at Laon in northern France and eleven days later at Abbéville near the Channel, De Gaulle counter-attacked. Although the division De Gaulle was given was such a poorly trained jumble that some of the light tanks fired on their own heavy tanks by mistake, his forces pushed the Nazis back at several points near Laon and gained four days' time for the divisions of Generals Touchon and Frère to dig in along a new line south of Laon. Sixty-three days later, General Frère, siding with the Vichy regime, headed the court-martial which condemned De Gaulle to death.

He directs battles from a tank

Lacking air support, De Gaulle did his own reconnaissance on the battlefield by replacing his general's kepi with a crash helmet and climbing into the cockpit of a 32-ton tank. At Abbéville he took most of the sting out of German bombing attacks by shifting his artillery after every few hours and by hiding his tanks in the woods and his trucks under haystacks. He himself slept under an apple tree and, except for a general's insignia of two small stars, dressed like an ordinary tank officer. Yet the measure of respect that he won from his troops is reflected in the way that they called him "Le Général," as other faithful French troops had once called Marshal Lyautey of African fame "Le Maréchal."

Laon and Abbéville were two of the few partial successes the French ever had. Both were De Gaulle's. Neither is mentioned in a recent semi-official war history published in Vichy. But at the time "Le Général" was awarded his second Croix de Guerre with the following citation: "A leader of admirable daring and energy. With his division he attacked the bridgehead at Abbéville, very solidly held by the enemy. He shattered German resistance and advanced 14 kilometers across the enemy's lines, taking hundreds of prisoners and capturing considerable matériel." This citation was read by General Maxime Weygand.

A week later Premier Reynaud summoned De Gaulle to Paris from Abbéville and made him Under-Secretary of State for Defense. Although Weygand was already arguing for an armistice, De Gaulle helped persuade Reynaud to plan to continue the war from Brittany and eventually North Africa. At Reynaud's suggestion De Gaulle flew to London to meet Churchill for the first time and inform him that the French would hold fast. By the time De Gaulle returned to France, the cabinet sessions had become so violent that the Pétain-Weygand group, favoring an immediate armistice, expelled De Gaulle from one session and Weygand refused to accept De Gaulle's hand.

Finally Reynaud lost heart to continue the war. As a last hope he sent De Gaulle to see Churchill again, but when the former returned on June 16 with Churchill's sensational proposal for a union between Britain and France, the cabinet turned it down and Reynaud resigned. Pétain now formed a new cabinet to ask for an armistice. The next morning, accompanied by his aide-de-camp Lieutenant Jeoffroy de

Always held
in highest esteem

OLD FORESTER

*There is nothing
better in the
market*



100
PROOF

Famous
OLD FORESTER
America's Great Whisky

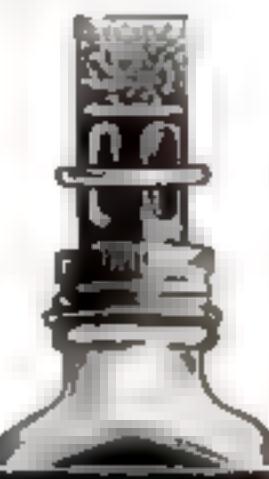
BROWN-FORMAN DISTILLERY COMPANY, INC.
of Louisville in Kentucky



SHU-MILK'S New Clever White Shoe Cleaning Combination

Here's the white shoe cleaning combination you've been waiting for...Snow-white Shu-Milk, the cleaner that won't rub off...and the Shu-Milk Applicator, the ingenious put-on-oner that works like a fountain pen. Cleans white shoes faster...easier...neater! No smoky edges—no messy hands! The Applicator is a "natural" for cleaning two-tone shoes. Buy this perfect white shoe cleaning combination at any drug, dept., grocery, or 5 & 10¢ store or shoe repair shop. Shu-Milk Cleaner, 10¢; with Applicator, 20¢.

For Best Results...Keep control ring in center of fluted rubber neck. To increase flow move ring down. To decrease flow move ring up. To assure perfect flow run water through Applicator after using. If your dealer hasn't a supply of Shu-Milk or Applicators, send 20¢ for both direct to Shu-Milk Products Corporation, Passaic, New Jersey.



SHU-MILK WILL NOT RUB OFF.
CLEANS ALL WHITE SHOES



Made since 1830 by Wm. Teacher & Sons, Ltd., Glasgow



DE GAULLE (continued)

Courcelles (a former member of Weygand's staff in Syria) and by British Major General Edward Louis Spears, De Gaulle flew secretly to London. Except for a fierce determination to continue the war against Hitler, he arrived without plans and without organization. As his sudden rise to prominence has since been explained to the Negroes of the Free French Cameroons, who like to have their history in the form of little legends: "De Gaulle was a corporal. He was dead. In his grave he heard that a German corporal had taken Paris. Then he leaped from his grave and shouted: 'I'm a general and I'll show you something.'"

Nature has liberally endowed De Gaulle with the equipment to show Hitler "something." Physically he is an impressive specimen, with the tapering physique of an elongated cigar. He stands some 6 ft. 4 in. high, weighs some 190 lb. and is the tallest general in any French army. At home in France before the war he slept in a specially constructed bed. Meticulous in appearance, he slicks down his black hair with brilliantine and wears a clipped mustache. His upper lip is usually discolored with a brown film, caused by the 40 Players cigarettes he smokes daily.

Churchill gives him Havana cigars

Lunch for De Gaulle is gastronomic proof that he is a true as well as a free Frenchman. Regardless of the state of the world, he lunches punctually at 1:30 p. m. when he is in London, usually at the Royal Automobile Club, and brings out the full flavor of his food with a glass of Burgundy and some brandy. After lunch "Le Général" lights up a Havana cigar, some of which were given to him as a present by Churchill. Recently when a journalist referred to him as an ascetic, De Gaulle retorted: "But I always enjoy a good meal!"

Madame De Gaulle is a quiet, unassuming woman. She met her husband in 1920 when he was a captain and she was Yvonne Vendroux, the daughter of a prominent family from Calais. Accompanied by their respective families, both were visiting the Salon d'Automne in Paris when quite by chance the Vendroux and De Gaules almost collided in front of a painting. A mutual friend introduced them and after M. Vendroux invited the De Gaules to tea, Charles De Gaulle eased the strain by inadvertently spilling his cup over the frock of M. Vendroux' daughter. Five months later they were married.

In June 1940 Madame De Gaulle and the three children caught the last British transport leaving Brest with only their handbags. They arrived at Falmouth on June 18 without the slightest knowledge of "Le Général's" exact whereabouts. The following morning Philippe, their son, bought an English paper and what difficulties he would ordinarily have had with the language were greatly simplified by the presence of the name "De Gaulle" smeared across the front page. A short time later, Madame De Gaulle, who had not seen her husband since early May, phoned Free French headquarters in London. De Gaulle was working when the telephone rang and an aide answered "It is Mme De Gaulle," said the unfamiliar voice on the other end, "I am in Falmouth with the children." "Ah," said De Gaulle taking the receiver, "it is you." Then he made arrangements to expedite his family's journey to London and, without changing his expression except to light another cigaret, continued with his work.

This phlegm, uncommon among Frenchmen, has given rise to belief that De Gaulle must have been trapped in the family ice box when a very small child and that he lacks personality. This is not quite true. Actually, "Le Général" has a full quota of human emotions, except that his feelings and his very state of health are inextricably linked to the fortunes of his fatherland. After the Armistice his carriage sagged and the rings under his eyes blackened. In sheer disgust last September he stopped wearing his medals when he learned that Vichy had awarded more medals to the men who brought defeat to France in 1940 than had been awarded to the men

Madame De Gaulle is a retiring woman who has sold most of her jewelry for war relief. She is shown here in De Gaulle's London flat with their daughter Elizabeth, who is studying to be a trained nurse. Their younger daughter Anne is crippled



who brought victory to France in 1914-18. Similarly, he has a decided personality, except that as he has concerned himself almost exclusively with the problems of war for 30 years, its color, like the color of a battleship, is a single shade of gray. The intensity with which he is able to dedicate himself to a single idea so annoyed some of his pre-war dinner partners in France that they finally complained that De Gaulle talked of France's improper defenses even *entre le fromage et le fromage*, a French expression which neatly describes a person who persists in advancing his favorite ideas even during the supposedly relaxing fruit and cheese course. Politically he contents himself today with the simple declaration: "I am neither connected with, nor committed to, any political party or politician whatever, whether of the Right, Left or Center." The political future of France worries him little because, unless the Allies first win the war, France has no political future.

'Are you going to see Boyer?'

For a year now he has gone without almost any relaxation. In England he has stayed with the Churchills in the country and with Lord Vansittart, but these few visits were all intimately connected with the running of the war. He also saw two movies, one of which he had to attend, and another, *The Great Dictator*, which he enjoyed immensely, although he did not fail to draw a military moral from the sequence in which Chaplin gets lost in a gas attack. Before the war he played bridge and liked documentary films and *FitzPatrick Traveltalks*. *Mayerling*, with Charles Boyer, impressed him so favorably that he somewhat plaintively asked a friend who recently left England for the U. S., "Are you going to meet Boyer?"

De Gaulle's relations with Churchill are excellent although he only sees him infrequently as the daily triangle of work between Churchill, the British War Office and De Gaulle is handled by a liaison officer, Major General Edward Louis Spears, whose wife is Mary Borden, the Chicago-born novelist (*A Woman With White Eyes, Passport For a Girl*). Funds needed to equip and support the Free French Forces are paid by the British Treasury, with the Free French colonies, fleet, merchant ships and the large credits which the French government had in Great Britain and which have since been transferred to the Free French, serving as collateral. The Free French colonies are assured an income through a series of agreements, some of which have been signed by the British Colonial Office, whereby Great Britain guarantees to buy a stipulated share of their exports. Free French soldiers and civil servants receive approximately the same pay as Englishmen of corresponding rank. De Gaulle's pay check is that of a British general.

With the same persistence that characterized his belief in mechanized war De Gaulle now believes that the Allies can still win this war. In his view, not the British Isles but the continents of Europe and Asia are the strategically encircled islands. Viewed in this light, the Germans, despite their victories, have not yet broken but have simply enlarged the circumference of hostility which encircles them. Given the continued domination of the seas, possession of the land approaches to Europe and Asia and "all out" production of American arms, Germany can be beaten by the same means through which he has so far won: tanks and planes.

Events may prove De Gaulle wrong, but no one on the Allied side and relatively few men on the Axis side have a greater right to prophesy the future on the basis of performance in the past. Having warned France of her fate and having won in the field two of the few minor successes of French arms in this war, De Gaulle has already justified his conviction that "France has lost a battle, but France has not lost the war" to the extent that there is still a France fighting against Hitler and, although even still more battles have been lost, the Allies have not yet lost the war. If, in the event of an eventual Allied victory, France finds herself sitting among the victors instead of among the vanquished, she will have only De Gaulle and the Free French to thank.

Philippe de Gaulle, "Le Général's" 19-year-old son, marches at right in front row in London parade of Free French naval cadets. De Gaulle's three brothers and one sister are reported in Unoccupied France where their position under Vichy is delicate.



EMBLEMS OF EXCELLENCE



HAMBLETONIAN STAKE TROPHY. Most truly American of all race horses is the trotter, a type first developed in this country—and the classic of all harness races is the Hambletonian Stake, run at Goshen, N. Y. Each year since 1926, the Hambletonian has been a magnet for thousands of sportmen. To win the Stake Trophy (shown at right) means that the owner has a horse that's "tops" in its class—a trotter that's bred and trained to be better than good!



ETHYL EMBLEM. There is an award for excellence in gasolines too. It is the Ethyl emblem. Gasoline in a pump which bears this emblem has to be better than good. It must be "tops" in anti-knock (octane number) and all-round quality. "Ethyl" means a cooler-running engine in summer, extra power throughout the year. When you stop to buy gasoline, the Ethyl emblem tells you which pump contains the best.



THE BETTER THE GAS, THE BETTER YOUR CAR

ETHYL GASOLINE CORPORATION, NEW YORK CITY



Decorating the church with pine and mountain ivy boughs took up most of Saturday morning. Earlier in the day Hazel's younger sister, Anna Ruth, helped

gather them in backwoods, drag them over rough roads to church. Here Gilbert trims the altar while Hazel breaks off sprigs to adorn the wooden railing.



Hazel's wedding veil is previewed in bedroom by her sister Anna Ruth and brother "A. D." Hazel bought it in Middlesboro for \$2.50, couldn't wait to take

tag off before trying it on. Below: bride and groom, accompanied by Anna Ruth, walk 2½ miles to the church (upper right). Groom carries wedding gown.



Dressing for the wedding, bridegroom skeptically eyes the new blue suit laid out on his bed. On door hangs his everyday outfit of blue jeans and shirt.

Life Goes to a Kentucky Deep in Cumberlands, Hazel Petrey, coal

At noon on a recent Sunday some 80 rugged, hard-working Cumberland Mountain folk congregated at the Sunny View Methodist Church at Germany, Ky. They had come from miles around to watch Parson Hiram Frakes join Hazel Petrey and Gilbert Dove in matrimony. It was a red-letter day. Coal miners slicked up in clean shirts, neckties and store pants. Housewives decked out in their dressiest cotton prints. Small fry were buttoned into their best overalls, parked in the rear of the church and cautioned on their behavior.

Hazel's father is a coal miner and from his Kentucky cabin you can see the mountains in Tennessee. His oldest daughter's romance began last winter when she met 26-year-old Gilbert Dove from Loogootee, Ind., at the Henderson Settlement School. Hazel was working as supervisor of the girls'



Leaving for the wedding, they emerge from John Brown's house, make their way toward church. Gilbert opens gate for bride, who lifts skirt to avoid dirt on hem.



The bride changes into wedding gown at John Brown's house near church. Lace material for her dress cost \$9 at Sears, Roebuck. It was made by her mother.

Mountain Wedding miner's daughter, marries Gilbert Dove

dormitory. Gilbert was the school's mechanic and electrician. Four months ago they became engaged. A few weeks ago Gilbert moved in to stay with his future in-laws until the day of the wedding.

To the bride her wedding day was no time for leisure and luxury. It began much like any other day. She arose at 4 a.m., cooked breakfast for her parents, future husband and four brothers and sisters, cleaned up the rough mountain cabin, packed her belongings neatly in big cardboard grocery boxes, painstakingly pressed her lace wedding dress with the old flat iron in the kitchen. By noon, attired in her modest bridal outfit and carrying a bouquet of wild roses, she was waiting on the church steps with her three bridesmaids, nervously listening for the first few bars of the wedding march.



"O Promise Me" is sung by Margie Brown, decked out in taffeta evening dress. Accompanying is Mrs. Lambkin, church organist and Sunday School teacher.



The church is filled long before the arrival of the bride and groom. Mountainers from miles around turned out for the ceremony. In center of the front

bench are Hazel's father and mother. Rear of church was filled with barefoot youngsters who gaped and gawked as the bride and maid walked down the aisle.



"Here Comes the Bride" is pealed out by organist as Hazel enters church. Her father (*lower left*) did not escort her in but gave her away. Maid of honor

Jerry Petrey leads procession, followed by Bridesmaids Mabel Henderson and Anna Ruth Petrey. Below: Gilbert puts the wedding ring on Hazel's finger



For Distinguished Service

HONOURS OF

The King's Royal Rifle Corps

From the capture of Louisburg in our own French and Indian War to its success at Sambat in 1918, the Standard of the King's Royal Rifle Corps has, in one-hundred and sixty years, been decorated with Fifty-six Battle Honours for Distinguished Service

HONOURS OF

Dewar's "White Label"

Award, Lucerne, Switzerland, 1923 . . . one of more than 60 medals honouring Dewar's White Label for Excellence in Scotch Whisky



Whether you're advancing on a bar . . . or barracked quietly at home . . . the order of the day, and night, is DEWAR'S White Label, medal Scotch of the world. For this veteran campaigner wears more than 60 citations for distinguished service. When next your tactics call for Scotch, command the highball of the highlands . . . DEWAR'S White Label and soda. Gentlemen! At ease!

COMMAND DEWARS AND BE "AT EASE!"



White Label
8 years old

Victoria Vat
12 years old

also known as
No. Four Ultra

FULL COLOR REPRINT IS
SUITABLE FOR FRAMING.
Six 9 x 12 full color prints
of officers, Edition No. 3,
without advertising, ten
open receipts of \$34. Schenley
Import Corp., New York
City, Dept. Y. (Officer illus-
trated is included on Edition
No. 4, soon to be published.)

Dewar's

"White Label"

The Medal SCOTCH of the World

BLENDDED SCOTCH WHISKY



Both 86.8 Proof • Blended Scotch Whisky
Copyright 1941, Schenley Import Corporation, New York

Mountain Wedding (continued)



Ceremony ends with couple kneeling while Parson Hiram Frakes reads Lazarus Prayer. Gilbert's best man, Bob Green and Hazel's three bridesmaids stand solemnly.



Mr. and Mrs. Gilbert Doss walk nervously down church aisle. Soon after the wedding ceremony Hazel returned to John Brown's, changed into her going-away clothes.



The wedding picture, including 80 guests and bride and groom (in doorway), is taken in front of the Sunny View Methodist Church. Note the dog in the front row.



Bride's bouquet WAS caught by her sister Jerry, 17. Despite tradition Jerry is pessimistic as "boys don't pay her much mind because she looks too much like a kid."



Bride cuts wedding cake outside church. Cake was one of three bought by Hazel's father at Blue Diamond Coal Mines commissary. There was enough for everyone.



Honeymoon begins when Mr. and Mrs. Dove stroll casually away from their guests, hike 6 miles to pick up car in Engan, Tenn. and drive north looking for livelihood.

UNFAIR
TO
BUBBLES

UNFAIR
TO
BUBBLES

[ESPECIALLY IN JULY]

What happens when ice melts? Your highball gets a drink of "bubble-less" water. To keep its sparkle, your highball needs Sparkling Canada Dry Water. It's supercharged with millions of tinier bubbles...keeps drinks lively no matter how fast the ice melts!

P.S. Drink a glassful anytime it's good for you.

GIVE YOUR SUMMER HIGHBALLS THIS LIFE PRESERVER

Convenient sizes
Convenient prices

Sparkling CANADA DRY WATER

The Club Soda with PIN-POINT Carbonation



To Car Owners: a message from the sea

ON MANY SHIPS, large and small, on missions of pleasure or peril, Exide Batteries are the source of emergency power for radio, running lights, steering gear, searchlights, bulkhead doors, fire protection, pumps and other safety devices. In such critical services, batteries must not fail. If seafaring men can entrust them to Exide, surely you can rely on Exide to start your car.

In buying a new battery for your car, however, remember that all batteries look pretty much alike. Avoid guesswork; be guided by the experience of men and ships at sea. Only proved performance pleases them.

Before you buy any battery, though, be sure you need a new one. Have your present battery tested on the Exide Sure-Start Tester. This scientific instrument will unfailingly reveal its true condition. The test is free... wherever you see an Exide Dealer sign.

THE ELECTRIC STORAGE BATTERY CO.,
Philadelphia... The World's Largest Manufacturer
of Storage Batteries for Every Purpose
Exide Batteries of Canada, Limited, Toronto



WHEN IT'S AN
Exide YOU START

PICTURES TO THE EDITORS

NIGHT-BLOOMING CEREUS

Mr.

Some neighbors of mine were the proud possessors of a night-blooming cereus and invited all their friends to come and see it bloom. Since I knew something of the beauty of this flower, I decided to take a series of pictures of blooms showing them in all major stages of opening and closing. Although each bloom lasts only one night, there were several on this particular plant and I was able to return on several evenings in order to catch various phases of the blooming. A few of the shots are shown below.

The first picture was made at 6:30 p.m. and shows the bud just beginning to ex-

pend. Successive photos depict the appearance of the night-blooming cereus partly open, fully open, partly closed and fully closed.

There is a rare beauty to the night-blooming cereus. The flower is white except for the center which is a pale yellowish-cream. Some of the sepals are green, tinged with red, and the petals are dark green. While in bloom, the flower gives forth a peculiar odor which can be detected within a radius of 50 ft. An interesting feature is that the stem hangs downward from the main plant and the bloom gives the effect of being suspended rather than standing erect.

CLARKE JOHNSON

Nashville, Tenn.



CONTRIBUTIONS: Minimum rates for all rights, including reuse and reuse of photograph. Amateur photographers are welcome as contributors but their work must compete with professionals on an equal basis and will be judged (and paid for) as such. Unsolicited contributions however, whether professional or amateur, will be neither acknowledged nor returned unless accompanied by adequate postage, packing and directions. LIFE is not responsible for safe handling of same either in its office or in transit. Payment will be made on approval and publication. Address all correspondence about contributions to CONTRIBUTIONS EDITOR, LIFE Magazine, TIME & LIFE Building, Rockefeller Center, New York.



Try this JUICE two ways!

• Next time you feel like a breakfast-starter that really sets you up, try a tall cold glass of Florida canned grapefruit juice. And when you want a grand thirst-quencher any time of day—drink a glass of the same!

This pure, undiluted, tangy juice is zestful, appetizing, energizing—and most economical because it gives you twice as many vitamins for your money as any non-citrus juice or soda drink.

Keep a supply in your refrigerator—along with Florida canned orange juice, and that wonderful new orange-grapefruit blended juice, for variety. Packed under many fine labels.

FLORIDA CITRUS COMMISSION
LAKELAND, FLORIDA

FLORIDA CANNED GRAPEFRUIT JUICE



SUMMER COLD HOUND YOU WITH CLOTHESPIN NOSE?

Summer cold got a grip on you? Use a Luden's. As it melts in mouth, it releases penetrating menthol vapor. Every breath carries it to stopped-up nasal passages, helping relieve "clothespin nose."



DROWSY?

Easy-to-take tablets for sleepy drivers, office fatigue, over-indulgence. Harmless as coffee!

Keep Alert with
NODÖZ
AWAKENERS

At your druggist: 10c-25c-50c

PICTURES TO THE EDITORS

(continued)

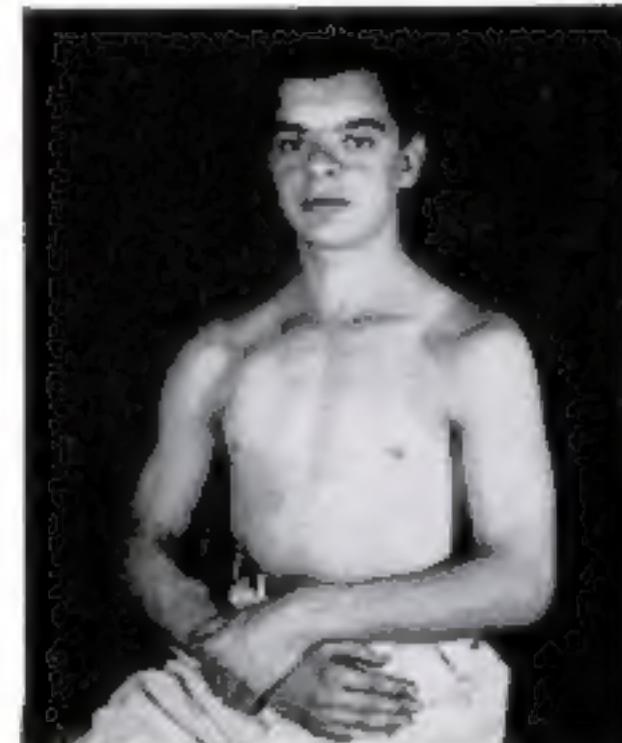
NO COLLAR BONE

Sir:

Because George Stevens was born without collar bones, he can touch his shoulders together, front and rear, as shown in these photographs. George is 19 years of age. His descent is half Irish and half Norwegian. His mother has one collar bone and his father and brothers are all normal. His unusual condition does not handicap him particularly. He can turn out as hard a day's work as anyone of comparable weight and size.

JOHN MALLOY

Grand Rapids, Mich.



GET THE LATEST!

PROLON BRISTLE

won't get soft and soggy!...won't break off! No other nationally advertised brush has newer, costlier, or better du Pont synthetic tooth brush bristle...because there is no newer, costlier, or better grade on the market.

GET THE SAFEST!

"ROUND-END" BRISTLES No other brush has them!

Photo-micrographs show why patented "Round-End" bristles insure gentler action on the gums:



ORDINARY BRISTLE—note the harsh, jagged points. "ROUND-END" PROLON bristles—obviously gentler to the gums.

GET THE LONGEST LASTING!

MONEY BACK guarantee of six months service—the only brush in the world with this definite guarantee! No other nationally advertised tooth brush can possibly have longer-lasting bristle than PROLON...our name for the finest grade of synthetic tooth brush bristle sold by du Pont.

GET THE Bonded Pro-phy-lac-tic TOOTH BRUSH



money-back guarantee!

The big plus in favor of Pro-phy-lac-tic is "Round-End" treatment of the bristles...a process which no other manufacturer can use because it is protected by U. S. Pat. No. 2,066,068. Together with the 6-months money-back guarantee, this "Round-End" gentler-to-the-gums feature makes reason enough for you to insist on BONDED Pro-phy-lac-tic!

Bristles don't turn soggy! Bristles don't break off!

What a tooth brush this new BONDED Pro-phy-lac-tic is! Its PROLON bristles are the costliest tooth brush bristles that du Pont makes...the only synthetic bristles with patented "Round-Ends!"

BONDED Pro-phy-lac-tic is specifically guaranteed for six months of use. The brush may actually last a year, eighteen months, two years. No one knows. It has not been on the market long enough to find out. But, note carefully, that only Pro-phy-lac-tic, among all tooth brush manufacturers, gives a definite six months

For those who prefer it, finest natural bristle is also available in the BONDED Pro-phy-lac-tic Tooth Brush. PROLON bristle, or natural "Tempered" bristle, both are guaranteed for six months. Either is 50¢.

A New Line of Plastic Brushes!

Another Pro-phy-lac-tic triumph! Dresser and toilet brushes in clear plastic...in a choice of four gleaming, jewel colors. Transparent Jewelite backs. Moisture-resistant bristles of du Pont Prolon. \$1.50 to \$10.00—at most good brush-goods counters. Illustrated: Roll-Wave, a unique "curved-to-the-bead" brush...\$4.00

Jewelite Brushes by Pro-phy-lac-tic





HERE'S A
"QUIZ PROGRAM"
ON PRODUCT FINISHES

A Housewife Asks Questions of an Expert

Q—Take the stand, Mr. Expert. Just what is a product finish anyway?

A—It's the enamel or lacquer that goes on the products you buy.

Q—Like what?

A—There are finishes on washing machines, refrigerators, stoves, lamps, kitchen cabinets, roasters, fans, and appliances of all types.

Q—What's so important about the finish?

A—The finish protects the products you buy. A hard, durable finish like Polymerin* enamel gives you more for your money.

Q—Why "more for my money?"

A—Polymerin enamel is extra-tough. It makes products last longer.

Q—Does it have other advantages?

A—Oh, yes—this lustrous coating adds beauty to any product. And its smooth surface is easy to wipe clean.

Q—How do I tell whether a product is finished with Polymerin?

A—Look for the Polymerin label, or ask the salesman.

THRIFTY HOUSEWIVES look for Polymerin enamel finish on the metal products that they buy. Polymerin adds beauty, makes products last longer, gives you more for your money. Ask for it! Ault & Wiborg Corp., 75 Varick St., N.Y.C.

*Trademark Reg. U. S. Pat. Off.

AULT & WIBORG
POLYMERIN
(PRONOUNCED PO-LIM-ER-IN)
THE ORIGINAL SPEED-BAKE FINISH

PICTURES TO THE EDITORS

(continued)

FOIL FOR DEFENSE

Sirs:

During the 14 years he has worked as a Chicago apartment janitor, Paul Fritz has collected some 750 lb. of silver paper (lead and tin foil). He keeps it pressed into the two towering stacks between which he appears in the photograph below. The foil was obtained mostly from discarded cigarette packages. Realizing the need of this product in national defense,

Mr. Fritz plans to turn over his entire supply to the U. S. Government.

An interesting sidelight on the collection is his tabulation by brands of the cigarette packages. Since 1927, he has picked up an average of 25 such packages per day. Lucky Strike packs were more numerous than any other kind. Camels, Chesterfields and Philip Morris followed in that order.

FRANZ FRITZ VON STRUMPF
Cicero, Ill.



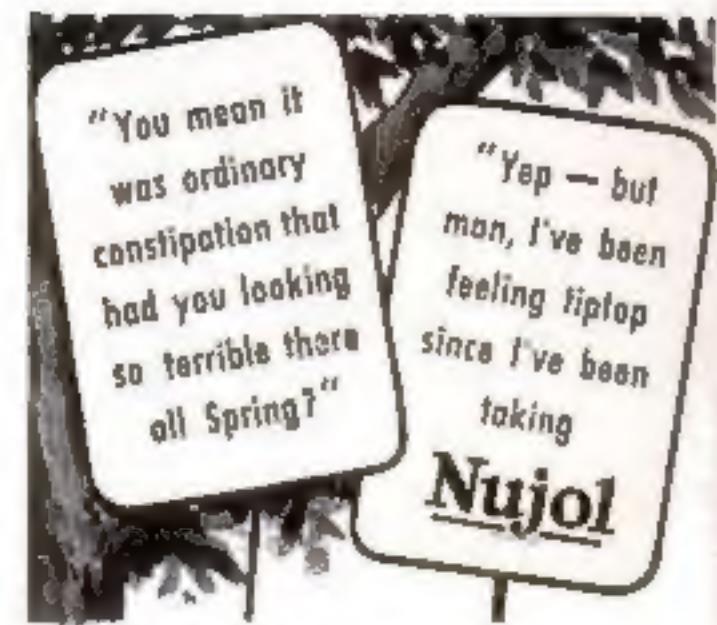
PHEASANT MEETS WINDSHIELD

Sirs:

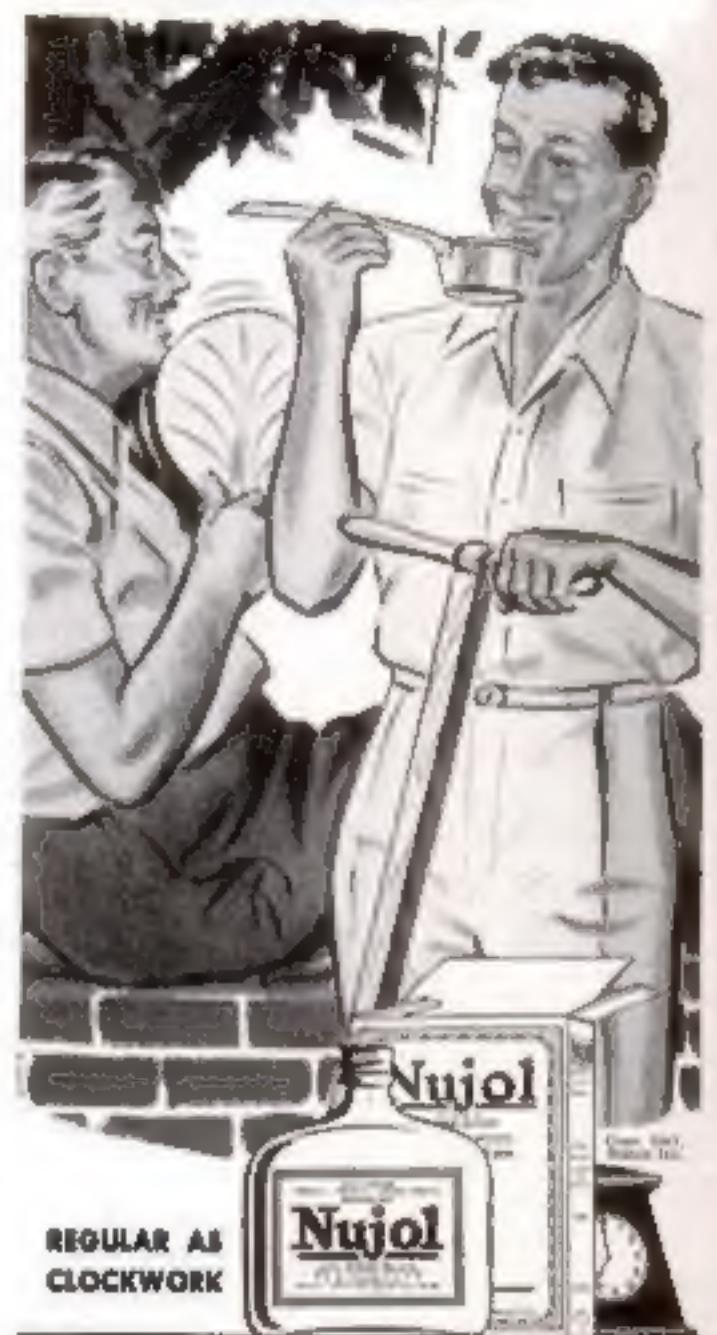
My friend, Dwight Dowden, is a traveling salesman out of Chicago. As befits his profession, he is always turning up with some new little memento, gadget or new story. The most recent tale concerned a pheasant which, said Dowden, collided with his windshield and stuck there. Because he knew some of us skeptics might take the story with the tradi-

tional grain of salt, he left the bird untouched and came rolling in with the windshield decoration shown in the accompanying photograph. The bird had jabbed a neat hole in the glass and rested securely about halfway through. Dowden says he kind of likes it there because it serves as a souvenir of his trip to Ames, Iowa, where the incident occurred. For all I know, it's there yet.

HUGH O. MOFFETT
Des Moines, Iowa



CONSTIPATION is not created overnight . . . certainly it should not be purged overnight by violent methods that high-pressure you and leave you "woozy." A tablespoonful of odorless, tasteless Nujol each night and morning establishes effective intestinal lubrication, gives continuing relief from ordinary constipation. Not "just another" mineral oil—Nujol's viscosity is scientifically controlled to give best results. Get a bottle at the druggist's.



TUG-OF-WAR WITH A *Tropic Niagara*

1. "Chasing butterflies isn't the pink tea you might suppose," writes a tropic adventurer. "It almost cost me my life down in Venezuela when we were there one time hunting a rare species of morpho."



2. "One night a fierce and sudden storm caught us poling down an unknown river. Above the rain and thunder we heard a strange roaring sound, but we couldn't place it, even when the lightning flashed."

3. "Camping in the wet was no fun, but we made the best of it with a cheering round of 'Canadian Club.' I remember only once when this friendly whisky looked more welcome—that was next day."



CHANGE TODAY, AS THOUSANDS HAVE

Taste for yourself why more Americans drink
"Canadian Club" than any other Imported Whisky

WHY do twice as many Americans now drink "Canadian Club" as did a few years ago? Why have they changed to this rare, imported whisky?

The answer is "Canadian Club's" utterly distinctive flavor—its all-round agreeable nature—that surprises and delights *all* tastes. Men say "Canadian Club" is "light as Scotch," "rich as rye," "satisfying as bourbon." Yet

it has a unique, delicious flavor all its own.

In Scotland, as here, "Canadian Club" is the leading imported whisky. It is a favorite in 87 lands. Discover why, for yourself. Just try this unusual whisky in your usual drink, and taste the pleasing difference. Start to enjoy "Canadian Club" today!

"Canadian Club" Blended Canadian Whisky. 90.4 proof. Imported by Hiram Walker & Sons Inc., Peoria, Illinois.

IN 87 LANDS
NO OTHER WHISKY
TASTES LIKE

*"Canadian
Club"*



Cop. 1941, Hiram Walker & Sons Inc.

Copyrighted material

THE SMOKE'S THE THING!

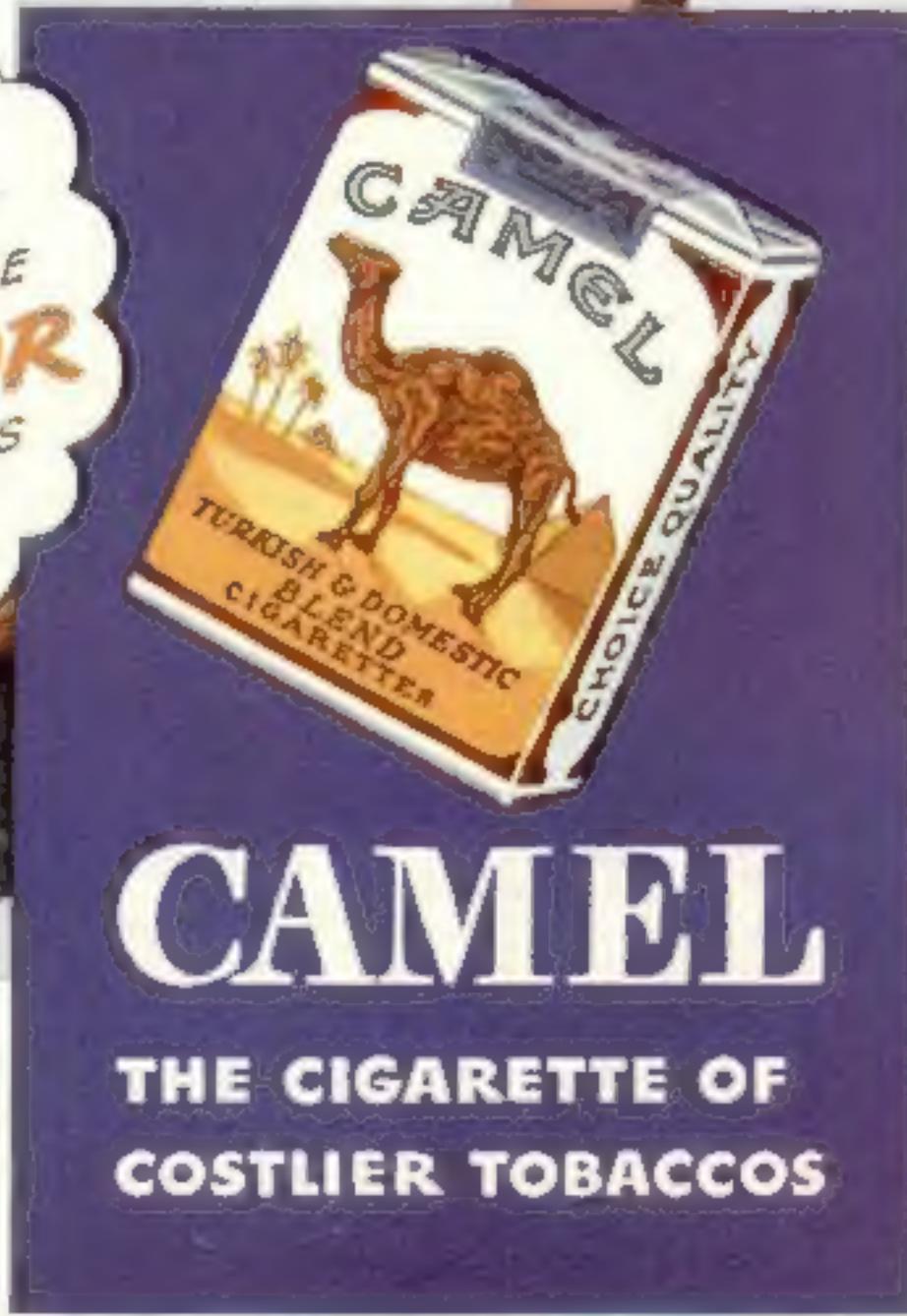


The name is Dorothy Van Nuys. The place — California's popular Santa Barbara. The cigarette—America's favorite—C-A-M-E-L!

She swims...she rides...she's typically modern in her zest for the active life. Typically modern, too, in wanting to know the scientific facts about the cigarette she smokes. In choosing Camels, Dorothy Van Nuys enjoys the scientific assurance of a *slower-burning* cigarette. That means more coolness, freedom from the harsh, irritating qualities of excess heat...extra mildness. And she knows, from independent laboratory reports, that in the smoke of extra-mild Camels, there is less nicotine. (See above, right.)



"I NEVER REALIZED, until I changed to Camels, that a cigarette could be so much milder and yet have all that wonderful flavor," adds Miss Van Nuys from the pool's edge (*above*). Yes, no matter how much you smoke, Camels always hit the spot—and they're *extra mild* with *less nicotine in the smoke*.



The *smoke* of slower-burning
Camels gives you

28% LESS NICOTINE

than the average of the 4 other
largest-selling brands tested—less than
any of them—according to independent
scientific tests of the *smoke itself*

YES, DOROTHY VAN NUYS, and the important point is: Camel's extra coolness—all of Camel's several advantages are *in the smoke*. After all, it's the *smoke* you smoke. And in the smoke of the slower-burning cigarette of costlier tobaccos there's more coolness, more flavor, extra mildness—with less nicotine.

The *smoke's* the thing! Smoke out the facts about milder smoking pleasure yourself. Dealers feature Camels by the carton. For economy—convenience—get your Camels by the carton.

BY BURNING 25% SLOWER than the average of the 4 other largest-selling brands tested—slower than any of them—Camels also give you a smoking *plus* equal, on the average, to

5 Extra Smokes Per Pack!

R. J. Reynolds Tobacco Company, Winston-Salem, N. C.